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#### 3M™ Cubitron™ II Abrasives

With decades of experience in ceramic, abrasive, and microreplicated technologies, 3M has literally reinvented abrasives with 3M<sup>TM</sup> Cubitron<sup>TM</sup> II Products. This new brand of abrasive products contain a new patented triangular shaped abrasive grain which is electrostatically oriented to maximize cutting potential. The result: each individual precision-shaped ceramic grain acts like a cutting tool, slicing through metal like a knife, and continuously resharpens as points break off. This allows 3M<sup>TM</sup> Cubitron<sup>TM</sup> II Abrasive Products to cut faster, run cooler, and last much longer than conventional abrasive products.

Toll Free Number: 800-364-3577 Website: www.3Mcubitron2.com Environmental/ Energy Advantage:

3M<sup>TM</sup> Cubitron<sup>TM</sup> II Abrasives last up to four times longer than conventional abrasive products.



### 3M™ Purple Clean Sanding Discs with Hookit™ Attachment System

 $3M^{TM}$  abrasive sanding discs are the hallmark of sandpaper in the automotive collision repair industry. The precise hole design of Purple Clean Sanding Discs provides improved life and dust extraction.  $3M^{TM}$  abrasive sanding discs are available in the fine to coarse grades. The  $3M^{TM}$  Hookit<sup>TM</sup> Attachment System is used with the discs.

Website: www.3Mcollision.com/products/abrasives

#### **Environmental/Energy Advantage:**

3M<sup>TM</sup> Clean Sanding Discs cut and last up to 33% longer than conventional 5- or 6- hole products. These discs can evacuate dust more than 50% better than conventional 5- or 6- hole products, removing up to 90% of the dust generated from sanding when used with appropriate dust extraction equipment, which translates into up to 50% better waste containment of dust over conventional 5- or 6- hole products.

#### Structured Abrasives Cloth Belts from 3M

The 3-dimensional, micro- and macroreplicated shapes of  $3M^{TM}$  structured abrasives coated on a cloth backing provide an extremely consistent finish as the uniform shapes wear, exposing fresh abrasives which can lead to longer life and sustainable cutting.

Toll Free Number: 1-866-279-1235 Website: www.3M.com/abrasives Environmental/ Energy Advantage:

The manufacturing process for structured abrasives such as 3M<sup>TM</sup> Trizact<sup>TM</sup> Abrasive Cloth Belts 237AA and 307EA reduces VOC emissions by 97%, CO2 emissions by 99% and uses 1/10th the energy required to manufacture conventional, non-structured abrasives. In some applications, structured abrasives have been shown to last 3-6 times longer than conventional, non-structured abrasives.



### 3M™ Fast Tack Water Based Adhesive 1000NF

3M<sup>TM</sup> Fast Tack Water Based Adhesive 1000NF is a one-part, water-based acrylic adhesive. Bonds many porous substrates to porous or nonporous substrates with minimal dry time. Adheres to many types of flexible polyurethane foam, latex foam, fabric, polyester fiberfill, wood, plywood, particleboard, and many plastic and metal surfaces. Holds seams and curves while still wet and builds foam-tearing strength when fully dry.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/1000NF Environmental/ Energy Advantage:

Product is marketed to industrial and construction operations for a variety of uses.

One-part, water based, flexible adhesive with include fast green strength, good heat resistance, and no chlorine content

0% VOC or No VOC based on tests per EPA method 24.





### 3M™ Fastbond™ Contact Adhesive 2000NF

3M<sup>TM</sup> Fastbond<sup>TM</sup> Contact Adhesive 2000NF is a water-dispersed, high solids activated adhesive. Provides immediate bonding capabilities and handling strength without forced drying equipment. Post-formable and heat resistant. Available in various colors.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/adhesives

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0- EQ Credit 4.1 (Option A), Credit 4.3 (Option C), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials; and Credit.

#### **Environmental/Energy Advantage:**

This product is GREENGUARD Indoor Air Quality Certified®.





### 3M™ Fastbond™ Contact Adhesive 30H

3M<sup>TM</sup> Fastbond<sup>TM</sup> Contact Adhesive 30H is a water dispersed, high strength contact adhesive with high immediate bond strength and a long bonding range. Non-flammable in the wet state, post formable and heat resistant. Bonds most foamed plastics, plastic laminate, wood, plywood, veneer, and canvas to themselves and to each other.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/adhesives

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0- EQ Credit 4.1 (Option A), Credit 4.3 (Option C), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials; and Credit

#### **Environmental/Energy Advantage:**

This product is GREENGUARD Indoor Air Quality Certified®.





### 3M™ Fastbond™ Contact Adhesive 30NF

3M<sup>TM</sup> Fastbond<sup>TM</sup> Contact Adhesive 30NF is a water-dispersed high strength contact adhesive. Has high immediate bond strength and long bonding range. It is non-flammable in the wet state, post-formable and heat resistant. It bonds most foamed plastics, plastic laminate, wood, plywood, wood veneer, and canvas to themselves and to each other.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/adhesives

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0- EQ Credit 4.1 (Option A), Credit 4.3 (Option C), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials; and Credit

**Environmental/Energy Advantage:** 

This product is GREENGUARD Indoor Air Quality Certified®.





### 3M™ Fastbond™ Foam Adhesive 100NF

3M<sup>TM</sup> Fastbond<sup>TM</sup> Foam Adhesive 100NF is a water-dispersed, fast setting adhesive that adheres to many types of flexible polyurethane foam, latex foam, fabric, polyester fiberfill, wood, plywood, particleboard and many plastic and metal surfaces. Available in lavender and neutral.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/greenadhesives

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0- EQ Credit 4.1 (Option A), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials.

**Environmental/Energy Advantage:** 

This product is GREENGUARD Indoor Air Quality Certified®.





# 3M™ Fastbond™ Industrial Adhesive 4213NF

3M<sup>TM</sup> Fastbond<sup>TM</sup> Industrial Adhesive 4213NF is a white, water-dispersed adhesive for bonding many fabrics, supported vinyls, wood, leather and most porous materials. Exhibits outstanding clarity when dry. Used on many fabrics, supported vinyl, wood, leather and most porous materials. Not recommended for exterior applications.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/adhesives Environmental/ Energy Advantage:

This product is GREENGUARD Indoor Air Quality Certified®.





### Adhesives & Sealants

# 3M<sup>™</sup> Fastbond<sup>™</sup> Insulation Adhesive 49

3M<sup>TM</sup> Fastbond<sup>TM</sup> Insulation Adhesive 49 is a water-based, high solids, fast tacking, pressure sensitive adhesive. Bonds lightweight materials, including fiberglass insulation, felt, shoddy, paper and other materials to metal and many other surfaces.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/adhesives

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0- EQ Credit 4.1 (Option A), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials.

**Environmental/Energy Advantage:** 

This product is GREENGUARD Indoor Air Quality Certified®.





### 3M™ Fastbond™ Pressure Sensitive Adhesive 4224NF

3M<sup>TM</sup> Fastbond<sup>TM</sup> Pressure Sensitive Adhesive 4224NF is a water based carpet adhesive for adhering carpet matting tiles to the floor. Bonding lightweight materials like fabric, foam, and paper to themselves and other surfaces. Initial tack and plasticizer resistance. Repositionable, such that tiles may be lifted and replaced as needed.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/adhesives

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0- EQ Credit 4.1 (Option A), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials.

**Environmental/Energy Advantage:** 

This product is GREENGUARD Indoor Air Quality Certified®.





# 3M<sup>™</sup> Foam Fast 74 Spray Adhesive – Low VOC <25%

 $3M^{TM}$  Foam Fast 74 Spray Adhesive- Low VOC <25% is an industrial grade high strength lace spray adhesive. Ideal for bonding flexible urethane or latex foam together or to many other materials including wood, metal, fabrics and non-vinyl plastics. Variable width actuator. Meets CARB / OTC VOC Requirements; Helps contribute to LEED® credits.

Website: www.3M.com/lowVOCpromo

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0- EQ Credit 4.1 (Option A), Credit 4.3 (Option C), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials; and Credit.

**Environmental/Energy Advantage:** 

This product is GREENGUARD Indoor Air Quality Certified®





### 3M<sup>™</sup> Hi-Strength 90 Spray Adhesive – Low VOC <25%

3M<sup>TM</sup> Hi-Strength 90 Spray Adhesive- Low VOC <25% is an industrial grade high strength aerosol spray adhesive. Creates a high strength bond to concrete, wood, MDF, and laminates. Meets CARB / OTC VOC Requirements; Helps contribute to LEED® credits.

Website: www.3M.com/lowVOCpromo

#### **LEED® Claim:**

Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0- EQ Credit 4.1 (Option A), Credit 4.3 (Option C), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials; and Credit

#### **Environmental/Energy Advantage:**

This product is GREENGUARD Indoor Air Quality Certified®





# 3M™ Hi-Strength 94 ET Adhesive

3M<sup>TM</sup> Hi-Strenth 94 ET Spray Adhesive is a high performance, industrial grade adhesive that can be rolled, brushed or sprayed. Bond to a variety of demanding substrates like decorative laminate, metal, and some rubbers. SCAQMD Rule 1168 compliance; helps contribute to LEED® credits.

Website: www.3M.com/adhesives

#### **LEED® Claim:**

Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0- EQ Credit 4.1 (Option A), Credit 4.3 (Option C), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials; and Credit.

#### **Environmental/Energy Advantage:**

This product is GREENGUARD Indoor Air Quality Certified®





# 3M™ Hi-Strength 94 ET Cylinder Spray Adhesive

3M<sup>TM</sup> Hi-Strenth 94 ET Cylinder Spray Adhesive is a high performance, industrial grade spray adhesive with a unique low telegraphing pebble spray pattern. Bonds to a variety of demanding substrates like decorative laminate, metal, and some rubbers. SCAQMD Rule 1168 compliance; helps contribute to LEED® credits.

Website: www.3M.com/adhesives

#### **LEED® Claim:**

Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0- EQ Credit 4.1 (Option A), Credit 4.3 (Option C), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials; and Credit

#### **Environmental/Energy Advantage:**

This product is GREENGUARD Indoor Air Quality Certified®





# Adhesives & Sealants

# 3M™ Hi-Strength 94 ET Spray Adhesive - Low VOC <20%

3M<sup>TM</sup> Hi-Strength 94 ET Spray Adhesive is a high performance, industrial grade spray adhesive with a unique low telegraphing pebble spray pattern. Creates high strength bonds to a variety of demanding substrates like decorative laminate, metal, and some rubbers. Meets CARB / OTC VOC requirements; Helps contribute to LEED® credits.

Website: www.3M.com/lowVOCpromo

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0- EQ Credit 4.1 (Option A), Credit 4.3 (Option C), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials; and Credit

**Environmental/Energy Advantage:** 

This product is GREENGUARD Indoor Air Quality Certified®





# 3M™ Hybrid Adhesive Sealant 760

Single component, high strength, elastomeric sealant. This hybrid technology is paintable when wet and will not degrade when exposed to UV.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/sealants Environmental/ Energy Advantage:

Lower Volatile Organic Compounds (VOC) than SCAQMD Rule 1168 limits.



# 3M™ Hybrid Sealant 730

Clear cosmetic sealant with excellent UV resistance used for creating transparent flexible seals on many industrial applications.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/sealants

**LEED® Claim:** 

**Environmental/Energy Advantage:** 



# 3M™ Hybrid Sealant 740

Single component elastomeric sealant curing without isocyanates. This hybrid technology is paintable when wet and will not degrade when exposed to UV.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/sealants Environmental/ Energy Advantage:

Lower Volatile Organic Compounds (VOC) than SCAQMD Rule 1168 limits.



# 3M™ Hybrid Sealant 755

Single component elastomeric adhesive sealant curing without isocyanates. This hybrid technology is paintable when wet and will not degrade when exposed to UV.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/sealants Environmental/ Energy Advantage:

Lower Volatile Organic Compounds (VOC) than SCAQMD Rule 1168 limits.



# 3M™ Hybrid Sealant 755 FC

Fast curing single component elastomeric adhesive sealant curing without isocyanates. This hybrid technology is paintable when wet and will not degrade when exposed to UV.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/sealants Environmental/ Energy Advantage:



# Adhesives & Sealants

### 3M<sup>™</sup> Marine Adhesive Sealant 5200

3M<sup>TM</sup> Marine Adhesive/Sealant 5200 is a high performance polyurethane adhesive sealant that becomes tack-free in 24-48 hours and completely cures in 5-7 days with no shrinking. The seal is extremely strong, retains its strength above or below the water line. Stays flexible too - allows for structural movement. Has excellent resistance to weathering and salt water. Stress caused by shock, vibration, swelling or shrinking is effectively absorbed. Check the bonding and sealing jobs this product can handle for you: fiberglass deck to fiberglass hull, wood to fiberglass, portholes and deck fittings, motors on fiberglass.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/sealants **Environmental/ Energy Advantage:** 

Lower Volatile Organic Compounds (VOC) than SCAQMD Rule 1168 limits.



#### 3M<sup>™</sup> Marine Adhesive Sealant Fast Cure 4200UV

Bonds and seals fiberglass, gelcoat and wood. Ideal for rub-rails, stern-joints, deck and through-hull fittings, and access plates. Medium strength allows for disassembly.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/sealants Environmental/ Energy Advantage:

Lower Volatile Organic Compounds (VOC) than SCAQMD Rule 1168 limits.



# 3M™ Marine Adhesive Sealant Fast Cure 5200

A faster curing version of Marine Adhesive Sealant 5200. It becomes tack free in one hour and fully cures in approximately 24 hours. The seal is extremely strong; retains its strength above or below the water line. Stays flexible – allows for structural movement. has excellent resistance to weathering and salt water.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/sealants Environmental/ Energy Advantage:



### 3M™ Plastic Bonding Adhesives

3M<sup>TM</sup> Plastic Bonding Adhesives (PBA) are moisture curing urethanes that are applied as liquids, and have sufficient open time to allow for easy assembly of parts. Disassembly and rework are achievable with moderate heat making PBA ideal for applications such as touch module assembly.

**Toll Free Number:** 1-800-251-8634 **Website:** www.3M.com/electronicbonding

#### **Environmental/Energy Advantage:**

3M<sup>TM</sup> Plastic Bonding Adhesives (PBA) are solvent free, moisture curable, urethane adhesives that enable parts or touch module bonded components in electronic products to be disassembled by recycling facilities with moderate heat (80-100C). Note: Not all local communities have recycling facilities and you should check on the existence of recycling facilities prior to reliance on the product's ability to be recycled.



# 3M™ Polyurethane Adhesive Sealant 551

Open time polyurethane designed for cosmetically sealing and bonding of many applications including marine and specialty vehicle markets.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/sealants Environmental/ Energy Advantage:

Lower Volatile Organic Compounds (VOC) than SCAQMD Rule 1168 limits



# 3M<sup>™</sup> Polyurethane Adhesive Sealant 560

3M<sup>TM</sup> Polyurethane Adhesive Sealants are one component, moisture curing products which form permanently elastic bonds. Bonds to a wide variety of materials including plastics, FRP, SMC, aluminum, steel, coated metal, and wood.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/sealants Environmental/ Energy Advantage:



### Adhesives & Sealants

### 3M<sup>™</sup> Polyurethane Glass Adhesive Sealant 590

Fast curing one-component, high viscosity polyurethane sealant for bonding windshields and other substrates requiring high strength.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/sealants Environmental/ Energy Advantage:

Lower Volatile Organic Compounds (VOC) than SCAQMD Rule 1168 limits.



### 3M<sup>™</sup> Polyurethane Multi-Purpose Adhesive 5010

Fast grabbing, 100% solids, one-part polyurethane-based moisture curing adhesive for wood bonding to many substrates including polystyrene. Excellent water resistance for outdoor usage.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/sealants Environmental/ Energy Advantage:

Lower Volatile Organic Compounds (VOC) than SCAQMD Rule 1168 limits.



# 3M™ Scotch-Weld™ Hi-Strength Postforming 94 CA Cylinder Spray Adhesive

3M<sup>TM</sup> Scotch-Weld<sup>TM</sup> Hi-Strength Postforming 94 CA Cylinder Spray Adhesive is a low VOC, high performance, postformable grade spray adhesive with a unique low telegraphing pebble spray pattern. Bonds to a variety of demanding substrates like decorative lamiante, metal, and some rubbers. Typically used in woodworking and specialty vehicle applications, especially where VOC's are a concern. It is specifically designed for decorative laminate bonding and is SCAQMD Rule 1168 and LEED® compliant. Packaged in pre-pressurized canister for an easy to use, maintenance free delivery system.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/adhesives

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0- EQ Credit 4.1 (Option A), Credit 4.3 (Option C), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials; and Credit

**Environmental/Energy Advantage:** 

This product is GREENGUARD Indoor Air Quality Certified®.





# 3M™ Scotch-Weld™ Nitrile High Performance Plastic Adhesive 1099

3M<sup>TM</sup> Scotch-Weld<sup>TM</sup> Nitrile High Performance Plastic Adhesive 1099 is a fast drying and heat curable adhesive with good resistance to plasticizer migration. Air dried bonds have high strength; resist weathering, water, oil and fuel. It is excellent for bonding most vinyl extrusions and sheeting.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/adhesives Environmental/ Energy Advantage:

Lower Volatile Organic Compounds (VOC) than SCAQMD Rule 1168 limits.



# 3M™ Scotch-Weld™ Nitrile High Performance Rubber & Gasket Adhesive 847

3M<sup>TM</sup> Scotch-Weld<sup>TM</sup> Nitrile High Performance Rubber And Gasket Adhesive 847 is a premium quality, multi-purpose adhesive that develops strong flexible bonds. Bonds very rapidly to a wide variety of substrates, including many plastics and rubbers, gasketing materials and leather. Has exceptional resistance to most fuels and oil. Heat and solvent reactivatable. Curable with heat.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/adhesives Environmental/ Energy Advantage:

Lower Volatile Organic Compounds (VOC) than SCAQMD Rule 1168 limits.



### 3M™ Scotch-Weld™ Nitrile Industrial Adhesive 4491

3M<sup>TM</sup> Scotch-Weld<sup>TM</sup> Nitrile Industrial Adhesive 4491 is a fast drying adhesive with good resistance to plasticizer migration. Ideal for bonding many vinyl extrusions and sheeting. Bonds made with this adhesive exhibit high strength and resistance to weathering, water, oil and many solvents.

Toll Free Number: 1-800-362-3550
Website: www.3M.com/adhesives
Environmental/ Energy Advantage:

Hazardous air pollutants (HAPs) free and lower Volatile Organic Compounds (VOC) than SCAQMD

Rule 1168 limits.

### Adhesives & Sealants

### 3M™ Scotch-Weld™ Structural Adhesive Primer EW-5000

3M<sup>TM</sup>Scotch-Weld<sup>TM</sup> Structural Adhesive Primer EW-5000 is an aerospace primer used for structural metal bonding applications with epoxy film adhesives. This sprayable, brushable, waterbased, low VOC, heat curing, corrosion inhibiting primer can provide protection against corrosive environments. EW-5000 is designed to provide ambient temperature drying with shop handleability prior to the heat

cycle.

Website: www.3M.com/aerospace

#### **Environmental/Energy Advantage:**

This product is a sprayable low Volatile Organic Compount (VOC), heat curing, structural adhesive primer that contains a chromated, corrosion inhibiting package to provide protection against corrosive environments. South Coast Air Quality Management Air District Rule 1124 Compliant Primer.



### 3M™ Scotch-Weld™ Structural Adhesive Primer EW-5000 AS

3M<sup>TM</sup> Scotch-Weld<sup>TM</sup> Structural Adhesive Primer EW-5000 AS is a water-borne, heat-curing primer that has a non-chromated, corrosion-inhibiting package to provide protection against corrosive environments. This sprayable, brushable primer is used for structural metal bonding applications and can be used with 250°F and 350°F cure epoxy film adhesives.

Website: www.3M.com/aerospace

#### **Environmental/Energy Advantage:**

This product is a sprayable low Volatile Organic Compount (VOC), heat curing, structural adhesive primer that contains a non-chromated, corrosion inhibiting package to provide protection against corrosive environments. South Coast Air Quality Management Air District Rule 1124 Compliant Primer



# 3M™ Silicone Spray – Low VOC 60%

 $3M^{TM}$  Silicone Spray- Low VOC 60% is a silicone base release agent for industrial lubrication applications. Lubricates machinery, moving parts, eliminates squeaks caused by friction, prevents sticking, freezing and protects against rust. Helps prevent build up of glues, wax, inks and paints. Meets CARB / OTC VOC Requirements; Helps contribute to LEED® credits.

Website: www.3M.com/lowVOCpromo

#### LEED® Claim:

Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0- EQ Credit 4.1 (Option A), Credit 4.3 (Option C), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials; and Credit.

#### **Environmental/Energy Advantage:**

This product is GREENGUARD Indoor Air Quality Certified®





# 3M™ Super 77™ Multi-Purpose Spray Adhesive – Low VOC <25%

3M<sup>TM</sup> Super 77<sup>TM</sup> Multi-Purpose Spray Adhesive- Low VOC <25% is a high tack and fast drying mist spray adhesive. Securely bonds many lightweight materials such as attaching foils, carpeting, lightweight paper, cardboard, felt, and cloth to painted or unpainted metals, wood. Meets CARB / OTC VOC Requirements; Helps contribute to LEED® credits.

Website: www.3M.com/lowVOCpromo

#### **LEED® Claim:**

Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0- EQ Credit 4.1 (Option A), Credit 4.3 (Option C), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials; and Credit.

#### **Environmental/Energy Advantage:**

This product is GREENGUARD Indoor Air Quality Certified®





### 3M<sup>™</sup> Polyurethane Construction Sealant 525

Adhesive sealant which cures to form a flexible and resilient bond with very good adhesion on most materials.

Toll Free Number: 1-800-362-3500 Website: www.3M.com/sealants Environmental/ Energy Advantage:

Lower Volatile Organic Compounds (VOC) than SCAQMD Rule 1168 limits



#### Adhesive Removers

### 3M<sup>™</sup> Adhesive Remover – Low VOC <20%

3M<sup>TM</sup> Adhesive Remover - Low VOC 20% is a liquid cleaner, degreaser with less than 20% VOC's. A petroleum based solvent that can be used to dissolve and remove dirt, grease, tar, and many non-curing type adhesives. It can also be used to degrease substrates for adhesive bonding in place of many chlorinated or petroleum-based solvents.

Website: www.3M.com/lowVOCpromo

#### **LEED® Claim:**

Use of this product helps contribute to LEED® NC v2.2, CS v2.0, CI v2.0, R v2.0- EQ Credit 4.1 (Option A), Credit 4.3 (Option C), Credit 4.5 (Option 5), Credit 4.6: Low-Emitting Materials; and Credit.

#### **Environmental/Energy Advantage:**

This product is GREENGUARD Indoor Air Quality Certified®





### Adhesives & Tapes

# 3M™ Thermal Bonding Films

3M<sup>TM</sup> Thermal Bonding Films are thermoplastic adhesives that are capable of achieving semi-structural bonding strength of beyond 1000 psi Overlap Shear Strength (OLSS) in typical high throughput manufacturing processes. 3M<sup>TM</sup> Thermal Bonding Films allow bonded parts (e.g. metal to plastics, metal to metal) to be easily disassembled for rework or end-of-life management.

**Toll Free Number:** 1-800-251-8634 **Website:** www.3M.com/electronicbonding

#### **Environmental/Energy Advantage:**

3M<sup>TM</sup> Thermal Bonding Films are thermoplastic adhesives used to bond metal to plastic or metal to metal parts in laptop computers, mobile devices and other electronic components. 3M<sup>TM</sup> Thermal Bonding Films are hot melt adhesives manufactured without the use of solvents. 3M<sup>TM</sup> Thermal Bonding Films can be heated allowing for the separation and recycling of individual material components (metals, plastics) by recycling facilities. Note: Not all local communities have recycling facilities and you should check on the existence of recycling facilities prior to reliance on the product's ability to be recycled.



#### **Encapsulants**

### 3M™ High Gel Re-enterable Encapsulant 8882

3M<sup>TM</sup> High Gel Re-enterable Encapsulant 8882 is a two part, nonurethane encapsulating compound. The encapsulant, aggressively adheres to filled cable and is compatible with, common plastics used in telephone splice connectors. The encapsulant permits easy cable splice re-entry for future, changes and maintenance.

**Toll Free Number:** 800-426-8688, Option 4

Website: www.3M.com/Telecom

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC-EQ Credit 4.1: Low Emitting Materials: Adhesives & Sealants.

#### **Environmental/Energy Advantage:**

3M<sup>TM</sup> High Gel Re-enterable Encapsulant 8882 is a two-part nonurethane encapsulating compound. Unlike other encapsulants, High Gel is not formulated with potentially allergenic isocyanates which are powerful irritants to the mucous membranes of the eyes and gastrointestinal and respiratory tracts. Direct skin contact can also cause marked inflammation. Isocyanates can also sensitize workers, making them subject to severe asthma attacks if they are exposed again. Death from severe asthma in some sensitized subjects has been reported. Preventing exposure to isocyanates as we have with 3M High Gel Re-enterable Encapsulant 8882 is a critical step in eliminating this health hazard in encapsulants.



### 3M<sup>™</sup> Automotive Masking Tape

Designed for automotive aftermarket masking applications prior to painting; balanced construction features include consistent adhesive coating, adhesive transfer resistance, consistent unwind, and leaves a good paint edge.  $3M^{TM}$ 

**Website:** www.3M.com/automotive **Environmental/ Energy Advantage:** Uses solvent free manufacturing process.



# 3M<sup>™</sup> Automotive Performance Masking Tape

A quality automotive masking tape that provides excellent adhesion to a variety of substrates, a sharp paint line, and removes cleanly upon completion of the job.

Website: www.3M.com/automotive Environmental/ Energy Advantage:

Environmental and energy advantage of solvent free manufacturing process.



### 3M™ Color Stable Automotive Window Films

Don't settle for anything less! 3M<sup>TM</sup> Color Stable's appearance rivals tinted factory glass, never turns purple, and provides high heat rejection with no signal interference! 3M's revolutionary nano-carbon polyester provides an incredible look, amazing color stability, and is non-metallized to ensure no signal interference. While most other window film companies buy their polyester from someone else, 3M makes its own polyester. During this process, 3M patented a technology for producing its own nano-carbon polyester. This revolutionary and unique process, allows for maximum heat rejection without a metallized film, which can interfere with radio and satellite signals. It also gives our films a stylish look with outstanding color stability. In fact, it's so advanced that in time-based tests, 3M<sup>TM</sup> Color Stable films never turned purple while conventional dyed films rapidly changed to a purple color.

Toll Free Number: 1-866-499-8857 Website: www.3M.com/windowfilm Environmental/ Energy Advantage:

These darker shaded films are designed to reject solar heat that is produced from visible light. Color Stable rejects up to 57% of the heat coming through your windows. Color Stable films also provide significant glare relief, allowing only 5% to 50% of the light into your car.



# Automotive & Aircraft

### 3M<sup>™</sup> Complete Fuel System Cleaner

Tank additive. Designed to clean intake valves and combustion chambers and remove fuel injector deposits during the time it takes to consume one tank of gas. Protects against carbon buildup and engine knock. Helps eliminate stalling, hesitation and poor performance due to dirty fuel system.

Website: www.3MCarCare.com Environmental/ Energy Advantage:

Helps restore automobile engine performance. Helps improve fuel economy.



# 3M™ Crystalline Automotive Window Film

If you are looking for the ultimate in high technology, superior clarity and performance with a premium look – then  $3M^{TM}$  Crystalline Automotive Window Film is for you.  $3M^{TM}$  Crystalline Automotive Window Films feature a proprietary, multilayer optical film technology that combines over 200 layers in a film that is thinner than a Post-it® Note. This unique technology is the reason a clear film can reject more heat than darker films, without changing your car's appearance.

Toll Free Number: 1-866-499-8857 Website: www.3M.com/windowfilm Environmental/ Energy Advantage:

Solar heat comes from two primary sources, the visible light you can see and the infrared light you can feel. Crystalline window films reject up to 97% of the sun's heat producing infrared light and block up to 60% of the heat coming through your windows. These industry-leading, spectrally-selective films are designed to keep you cool, comfortable and protected.



# 3M™ Fuel System Tune-Up Kit

A three part kit designed for the 'medium' to 'heavy' do-it-yourselfer to perform a professional fuel system cleaning at home. Contains 3M<sup>TM</sup> DIY Intake System Cleaner (PN08954), 3M<sup>TM</sup> Throttle Plate and Carb Cleaner (PN08185) and 3M<sup>TM</sup> Complete Fuel System Cleaner (PN08813).

Website: www.3MCarCare.com Environmental/ Energy Advantage:

Helps restore automobile engine performance. Helps improve fuel economy.



### 3M™ FX HP Automotive Window Films

FX HP gives a hot look on the outside, but is cool and private on the inside. A hybrid of two film technologies, FX HP combines a dyed film with a metalized film to provide additional heat rejection and improved comfort. FX HP is an economical window film that provides excellent heat rejection without sacrificing quality. Because FX HP incorporates a metalized film, it may have slight interference with wireless signals.

Toll Free Number: 1-866-499-8857 Website: www.3M.com/windowfilm Environmental/ Energy Advantage:

These darker shaded films are designed to reject solar heat that is produced from visible light. FX HP rejects up to 55% of the heat coming through your windows. FX HP films also provide significant glare relief, allowing only 5% to 50% of the light into your car.



### 3M™ FX ST Automotive Window Films

FX HP gives a hot look on the outside, but is cool and private on the inside. A hybrid of two film technologies, FX HP combines a dyed film with a metalized film to provide additional heat rejection and improved comfort. FX HP is an economical window film that provides excellent heat rejection without sacrificing quality. Because FX HP incorporates a metalized film, it may have slight interference with wireless signals.

Toll Free Number: 1-866-499-8857 Website: www.3M.com/windowfilm Environmental/ Energy Advantage:

These darker shaded films are designed to reject solar heat that is produced from visible light. FX HP rejects up to 55% of the heat coming through your windows. FX HP films also provide significant glare relief, allowing only 5% to 50% of the light into your car.



# 3M<sup>™</sup> High Power Brake Cleaner, 08179

High power brake cleaner that meets 10% VOC rule. Cleans brake parts and assemblies without leaving residue. Good general purpose degreaser. Large, egonomic actuator delivers high powered stream to remove tough deposits. Removes brake dust, solvents, greases and oils.

Website: www.3MCarCare.com Environmental/ Energy Advantage:

Low VOC content.

# Automotive & Aircraft

# 3M™ Injector Cleaner

Tank additive. Clean fuel injectors and removes deposits during the time it takes to consume one tank of gas. Restores power and fuel economy. Helps eliminate stalling, hesitation and poor performance due to dirty fuel injectors.

Website: www.3MCarCare.com Environmental/ Energy Advantage:

Helps restore automobile engine performance. Helps improve fuel economy.



# 3M™ Intake System Aerosol Adaptor Kit

An adaptor kit equipped with an assembled tube attached to a brass quick disconnect fitting (08927) for attachment to the  $3M^{TM}$  Intake System Cleaner 08958. The kit also includes a can hanger (08837) and a complete set of instructions for use.

Website: www.3MCarCare.com Environmental/ Energy Advantage:

Helps restore automobile engine performance. Helps improve fuel economy.



# 3M™ Intake System Cleaner Kit

A complete fuel system cleaner. Contains  $3M^{TM}$  Intake System Cleaner Aerosol 08958,  $3M^{TM}$  Complete Fuel System Cleaner 08813, and  $3M^{TM}$  Throttle Plate Cleaner 08182. This is the most complete package of intake system cleaning chemicals available. This 3-pack is designed with the professional user in mind, providing the cleaning agents to go through the upper intake and in the tank, while including an aerosol product to clean the throttle plate and air intake on fuel-injected gasoline engines. The  $3M^{TM}$  Intake System Cleaner 08958 is a unique and proprietary blend of the most effective cleaning chemicals available. This product is easily and effectively applied with the use of the  $3M^{TM}$  Intake System Aerosol Adaptor Kit 08960.

Website: www.3MCarCare.com Environmental/Energy Advantage:

Helps restore automobile engine performance. Helps improve fuel economy.



### 3M™ Max Strength Fuel System Cleaner

A concentrated tank additive that cleans fuel injectors, intake valves, combustion chambers in one tank. For gasoline engines only.

Website: www.3M.com/automotive Environmental/ Energy Advantage:

Helps restore automobile engine performance. Helps improve fuel economy.



# 3M™ PPS™ Paint Preparation System

An innovative system from 3M which enables painters to mix less paint and drastically reduces the amount of solvent and technician time required for gun cleaning, improving operator efficiency by as much as 15%. 3M<sup>TM</sup> PPS<sup>TM</sup> Paint Preparation System is a unique, closed paint system which eliminates the need for traditional mixing cups and paint strainers. Now paint can be mixed and sprayed out of the same PPS<sup>TM</sup> liner with a lid and built-in filter. Specifically designed adapters allow painters to use the PPS<sup>TM</sup> system with virtually any spray gun. A key advantage of this closed system is that it enables a painter's spray gun to function at any angle, even upside down! The liner, lid and built-in filter are all disposable, leaving only the adapter and spray gun to be cleaned. The PPS<sup>TM</sup> system is therefore a cleaner, faster system, safe from outside contamination and offers considerable time and solvent savings in regards to gun cleaning.

Website: www.3Mcollision.com

#### **Environmental/Energy Advantage:**

By eliminating the need for mixing cups and filters, the PPS<sup>TM</sup> paint preparation system reduces the need for cleaning solvents by as much as 70 percent, and there is also less wasted paint. Less solvent means less hazardous waste and lower volatile organic compound (VOC) emissions, enabling automotive paint shops to maintain cleaner working environments and reduce costs. Recipient of the Society of Automotive Engineers (SAE) International Environmental Excellence in Transportation Award, which recognizes groups that have made strides toward reducing the environmental impact of the transportation industry.



# 3M™ Scotch-Weld™ Structural Void Filling Compound 3450 FST

Structural one-part low weight void filler for aircraft interiors. One-part low weight filler combining extreme low density with high extrusion rate for manual and automatic applications. Full stand alone FST properties with patented non-halogen based FST system. Low flow for ease of application.

Website: www.3M.com/aerospace

#### **Environmental/Energy Advantage:**

Contains a non-halogen based FST system. The new retardant meets flammability, smoke density and toxic gas emission requirements for the aircraft market. It also reduces worker exposure to toxic substances during the product manufacturing and recycling process.



### Automotive & Aircraft

# 3M™ Scotch-Weld™ Structural Void Filling Compound 3550 B/A FST

This is a two part RT cure low density Void Filler designed for honeycomb constructions of aircraft interiors.

Website: www.3M.com/aerospace Environmental/ Energy Advantage:

Contains a non-halogen based FST system. The new retardant meets flammability, smoke density and toxic gas emission requirements for the aircraft market. It also reduces worker exposure to toxic substances during the product manufacturing and recycling process.



# 3M™ Series 07HS HVLP Spray Guns

High Volume/Low Pressure paint spray guns used with compressed air systems in automotive type applications. The soft controlled spray pattern makes it ideal for metallics. The Series 07 gun is most frequently sold in the sign, automotive refinish, aerospace and marine applications.

Website: www.3Mcollision.com

#### **Environmental/Energy Advantage:**

> 65% coating transfer efficiency. Atomizes paint at a pressure < 10 psi as measured at the cap of the gun.



# 3M™ Universal Fuel Injection Cleaner

Fuel injector cleaner that can help restore injector efficiency, decrease exhaust emissions and improve fuel atomization. [Must be used with 3M<sup>TM</sup> Universal Fuel Injector Cleaner (100 psi can) is a proprietary blend of high octane fuel and solvents, designed to run the engine during the cleaning procedure while cleaning the injectors as the cleaner passes through them. Developed in the 1980's as a concentrated cleaner formulated to clean fuel injectors on gasoline engines. It is a disposable pressurized can that requires specialized hardware to administer. It is designed to be attached directly to the engine fuel system with appropriate 3M<sup>TM</sup> adapters and hardware. When connected properly, the engine runs on the contents of the can. For best results, use this product together with 3M<sup>TM</sup> Fuel Injector Cleaner Tank Additive 08812 and an aerosol can of 3M<sup>TM</sup> Throttle Plate and Intake Cleaner 08866. Application instructions are vehicle specific. You should refer to the 3M<sup>TM</sup> Fuel System Cleaning Application Guide, CD-ROM, 08816 for detailed directions. You may also call 3M at 1-877-666-2277 (8:00 am to 4:30 pm CST).

Website: www.3MCarCare.com Environmental/Energy Advantage:

Helps restore automobile engine performance. Helps improve fuel economy.



### 3M™ Universal Fuel Injector Cleaner Kit

Hardware for the use of 3M<sup>TM</sup> Universal Fuel Injection Cleaner, 08956. Contains 3M<sup>TM</sup> Fuel Injector Cleaner Can Hanger 08837, 3M<sup>TM</sup> Fuel Injector Cleaner Long Hose 08838 and a 3M<sup>TM</sup> Gauge/Regulator for Fuel Injector Cleaner Systems 08828.

Website: www.3MCarCare.com Environmental/ Energy Advantage:

Helps restore automobile engine performance. Helps improve fuel economy.



# 3M™ Universal Fuel System Cleaner 3-Pack

This is the most complete package of fuel system cleaning chemicals available. Contains one each of the following:  $3M^{TM}$  Universal Fuel System Cleaner 08955,  $3M^{TM}$  Fuel System Cleaner Tank Additive 08813,  $3M^{TM}$  Throttle Plate Cleaner 08182. This 3-pack is designed with the professional user in mind, providing the cleaning agents to go through-the-rail and in the tank, while including an aerosol product to clean the throttle plate and air intake on fuel-injected gasoline engines. 3M hardware is required to administer the through-the-rail "purge" product, 08955. Application instructions are vehicle specific. You should refer to the  $3M^{TM}$  Fuel System Cleaning Application Guide available under the Product Selector category in www.3m.com/automotive.

Website: www.3MCarCare.com Environmental/ Energy Advantage:

Helps restore automobile engine performance. Can help improve fuel economy.



# Engine Crankcase Flush - 50 ml

This is a solution for four stroke two wheeler motorbikes. This product is a environment friendly solution to remove the sludge and carbonaceous deposits from the crankcase of a two wheeler engine. The product is applied prior to an oil change service.

**Environmental/Energy Advantage:** 

VOC Safe (Contains less than 2% VOC)



# Automotive & Aircraft

### Engine Oil Flush - 250 ml - For 4 Wheelers

This is a solution for four stroke four wheeler gasoline engines. This product is a environment friendly solution to remove the sludge and carbonaceous deposits from the crankcase of the engine. The product is applied prior to an oil change service.

#### **Environmental/Energy Advantage:**

VOC Safe (Contains less than 2% VOC)



# Engine Oil Flush - 50 ml - For 4 Stroke Two Wheelers

This is a solution for four stroke two wheeler motorbikes. This product is a environment friendly solution to remove the sludge and carbonaceous deposits from the crankcase of a two wheeler engine. The product is applied prior to an oil change service.

#### **Environmental/Energy Advantage:**

VOC Safe (Contains less than 2% VOC)



# Scotch® Automotive Heavy Duty All Weather Duct Tape 03453NA

Scotch® Automotive Heavy Duty All Weather Duct Tape is perfect for heavy-duty patching, indoor and outdoor repair and general masking of cement and other durable surfaces. This duct tape is designed for indoor and outdoor use. It is strong, water resistant and tears easily.

Toll Free Number: 1-800-364-3577
Website: www.3M.com/duct
Environmental/ Energy Advantage:
Uses solvent free manufacturing process.



### Scotch® Performance Masking Tape 233+

Highly conformable, provides the best adhesive transfer resistance, hugs curves, contours and provides outstanding paint lines. Goes on quickly and easily, sticks at a touch and stays put. Perfectly balanced to give outstanding masking results.

Website: www.3M.com/automotive

#### **Environmental/Energy Advantage:**

Environmental and energy advantage of solvent free manufacturing process.



#### Transmission Oil Flush - 250 ml

This is a solution for manual transmission and differential system of a car. This product is a environment friendly solution to remove the sludge and wear & tear deposits that accumulate inside the manual transmission and differential casing of a car. The product is applied prior to an oil change service.

#### **Environmental/Energy Advantage:**

VOC Safe (Contains less than 2% VOC)



# Wheel Balancing

# 3M<sup>™</sup> Wheel Weight (Mechanical Replacement) PN99427, 10 m x 13.5 x 7 mm, 1 roll per case

3M<sup>TM</sup> Mechanical Replacement Weight PN99427 (TN4014) is a 13.5 mm wide profile, lead-free, flexible, conformable mechanical replacement for clip-on weights used on the wheel flange. It is provided on a roll and is designed to be cut to weight to for better balance and ride, one product replaces dozens of clip-on weights. Corrosion and stain free. Uses proven 3M<sup>TM</sup> Automotive Attachment Tape for dependable attachment.

**Toll Free Number:** 1-800-328-1684 **Website:** www.3M.com/wheelweights

#### **Environmental/ Energy Advantage:**

Designed to replace lead weights and to have less impact on the environment than standard lead weights.

# Automotive & Aircraft

# 3M™ Wheel Weight PN55409, 14 m x 20 mm x 6 mm, 1 roll per case

3M<sup>TM</sup> Wheel Weight PN55409 (TN4020) is a 20 mm wide, low profile, lead-free, flexible, conformable weight used to balance tires. Cut to exact length for better balance and ride, one product replaces dozens of clip-on weights. Corrosion and stain free. Uses proven 3M<sup>TM</sup> Automotive Attachment Tape for dependable attachment.

Toll Free Number: 1-800-328-1684
Website: www.3M.com/wheelweights
Environmental/ Energy Advantage:

Designed to replace lead weights and to have less impact on the environment than standard lead weights.

### 3M™ Wheel Weight PN61403, 10.7 m x 15 mm x 7 mm, 1 roll per case

3M<sup>TM</sup> Wheel Weight PN61403 (TN4715) is a 15 mm wide profile, lead-free, flexible, conformable weight used to balance tires. Cut to exact length for better balance and ride, one product replaces dozens of clip-on weights. Corrosion and stain free. Uses proven 3M<sup>TM</sup> Automotive Attachment Tape for dependable attachment.

Toll Free Number: 1-800-328-1684
Website: www.3M.com/wheelweights
Environmental/ Energy Advantage:

Designed to replace lead weights and to have less impact on the environment than standard lead weights.

# 3M™ Wheel Weight PN61405, 20.1 m x 23 mm x 4 mm, 1 roll per case

3M<sup>TM</sup> Wheel Weight PN61405 (TN4023) is a 23 mm wide, low profile, lead-free, flexible, conformable weight used to balance tires. Cut to exact length for better balance and ride, one product replaces dozens of clip-on weights. Corrosion and stain free. Uses proven 3M<sup>TM</sup> Automotive Attachment Tape for dependable attachment.

Toll Free Number: 1-800-328-1684
Website: www.3M.com/wheelweights
Environmental/ Energy Advantage:

Designed to replace lead weights and to have less impact on the environment than standard lead weights.

### 3M™ Wheel Weight PN99473, 11 m x 29 mm x 6.1mm, 1 roll per case

 $3M^{TM}$  Wheel Weight PN99473 (TN4029) is a 29 mm wide, low profile, lead-free, flexible, conformable weight used to balance tires. Cut to exact length for better balance and ride, one product replaces dozens of clip-on weights. Corrosion and stain free. Uses proven  $3M^{TM}$  Automotive Attachment Tape for dependable attachment.

Toll Free Number: 1-800-328-1684
Website: www.3M.com/wheelweights
Environmental/ Energy Advantage:

Designed to replace lead weights and to have less impact on the environment than standard lead weights.

### 3M™ Wheel Weight Starter Kit PN99100, 1 per case

The 3M<sup>TM</sup> Wheel Weight System Starter Kit PN99100 (TN315) contains a 3M<sup>TM</sup> Wheel Weight Universal Cutting Tool PN61479 (TN201), 3M<sup>TM</sup> Wheel Weight Cutter Stand PN61480 (TN252), one 5-lb. box of 3M<sup>TM</sup> Wheel Weight PN61403 (TN4715), one bottle of 3M<sup>TM</sup> Wheel Weight Surface Prep 1000 and a 3M<sup>TM</sup> Removal Tool PN99099 (TN501).

Toll Free Number: 1-800-328-1684
Website: www.3M.com/wheelweights
Environmental/ Energy Advantage:

Designed to replace lead weights and to have less impact on the environment than standard lead weights.



# 3M™ Wheel Weight Starter Kit PN99101, 1 per case

The  $3M^{TM}$  Wheel Weight System Starter Kit PN99101 (TN323) contains  $3M^{TM}$  Wheel Weight Universal Cutting Tool PN61479 (TN201),  $3M^{TM}$  Wheel Weight Cutter Stand PN61480 (TN252), one 5-lb. box of  $3M^{TM}$  Wheel Weight PN61405 (TN4023), one bottle of  $3M^{TM}$  Wheel Weight Surface Prep 1000 and a  $3M^{TM}$  Removal Tool PN99099 (TN501).

Toll Free Number: 1-800-328-1684
Website: www.3M.com/wheelweights
Environmental/ Energy Advantage:

Designed to replace lead weights and to have less impact on the environment than standard lead weights.



# **Building Management**

### Micro-Klean™

The exclusive Micro-Klean<sup>TM</sup> RB manufacturing process produces a rigid, resin bonded, graded porosity structure that eliminates by-pass and the unloading characteristics of soft and easily deformable, filter cartridges such as spiral wound, melt-blown and string wound cartridges.

#### LEED® Claim:

Use of this product may help comply with LEED® EB v3.0 - Prerequisite 1: Sustainable Purchasing Policy and help contribute to LEED® EB v3.0 MR Credit 1: Sustainable Purchasing – Ongoing Consumables or LEED® EB v3.0 - MR Credit 2: Sustainable Purchasing – Durable Goods.

#### **Environmental/Energy Advantage:**

Micro-Klean<sup>TM</sup> RB filters with porosity between 1um and 75um are made from greater than 20% recycled material by weight.



#### Air Filtration

### 3M™ V-Bank Filters MERV A13, MERV A14 and MERV A15

3M<sup>TM</sup> V-Bank Filters MERV A13, MERV A14 and MERV A15 offer our customers a unique combination of performance and design features including integral gaskets and nested pleat packs. These filters are an excellent choice for building owners and facility managers looking to reduce their energy utilization and minimize their total cost of operation, while still providing building occupants with high quality filtered air.

3M<sup>TM</sup> V-Bank Filters are the only HVAC filters that feature innovative integral gaskets. No other manufacturer offers this feature, which helps prevent unfiltered air from flowing past gaps between the filter and the filter rack. The integral gaskets from 3M are factory installed, which not only save time during installation, but ensure that gaskets will be used.

**Toll Free Number:** 1-800-648-3550 **Website:** 3Mpurification.com/airfilters

**LEED® Claim:** 

The 3M Commercial HVAC V Bank Filters with Gasket contribute to LEED® NC/S/CS/CI v3 IEQ Credit 3.1: Construction Indoor Air Quality Management Plan; LEED® EB v3 IEQ Credit 1.5: Indoor Air Quality Best Management Practices.

#### **Environmental/Energy Advantage:**

Using 3M technologies, this commercial HVAC filter offers an industry leading combination of low pressure drop, robust efficiency, longevity, low weight as well as unique design features.





### 3M™ Mini-Pleat with Gasket Filters

3M<sup>TM</sup> Mini-Pleat with Gasket Filters combine effective filtration performance with low airflow resistance and long filter life, which can lead to lower energy consumption as well as reduced waste disposal volume and labor cost. Our customers value the filters' properties that lead to time and money savings and help them keep their operating and maintenance budgets in line.

Available in MERV A8, MERV A11, MERV A12 and MERV A13\*, 3M<sup>TM</sup> Mini-Pleat Filters with Gasket are an excellent choice as either primary or as pre-filters in a variety of applications.

**Toll Free Number:** 1-800-648-3550 **Website:** 3Mpurification.com/airfilters

#### **LEED® Claim:**

The 3M Commercial HVAC Filter MERV A8, MERV A11 and MERV A12 contribute to earning a point in the LEED® certification process for new buildings and renovations during the construction phase.

The 3M Commercial HVAC Filter MERV A13 Mini-Pleat with Gasket contributes to earning a point in the LEED® certification process for existing and new buildings by using the filter on all outside air intakes and inside air recirculation returns.

#### **Environmental/Energy Advantage:**

Significant energy savings possible when installed in place of standard filters due to low pressure drop achieved through the use of our highly refined electrostatically charged media (electret media), open filtration media structure and high surface area mini-pleat design.

Significant energy value and low ash content resulting from 100% incinerable components of the filter.

#### \*Important Use Restriction:

{This filter must not be used as a primary filter in hospitals and healthcare facilities where a MERV 14 primary filter is required per ASHRAE 170 - 2008. 3M recommends the use of Filtrete<sup>™</sup> Commercial HVAC Filter Products with a minimum rating of MERV A14.

### Cleaning

### 3M™ Easy Scrub Express Flat Mop System

Swap cleaning products in a snap with the  $3M^{\text{TM}}$  Easy Scrub Express Flat Mop System. Interchangeable bottles of cleaning fluid attach to the mops handle and can be quickly switched out for different jobs.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

LEED® Claim:

LEED®EB v3.0 -IO Credit 1: Innovation in Operations.

#### **Environmental/Energy Advantage:**

Interchangeable bottles fit quickly into a lightweight handle to dramatically reduce waste and help ensure precise dispensing of solutions to the work site.



# **Building Management**

### 3M™ Easy Shine Applicator System

Floor finish mop applicator with special tubing to dispense floor finish from bags via a lightweight ergonomic designed backpack. Works with reusable applicator pads.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

LEED®EB v3.0 -IO Credit 1: Innovation in Operations.

#### **Environmental/Energy Advantage:**

Designed to deliver each of the Scotchgard<sup>TM</sup> Hard Floor Systems, the 3M<sup>TM</sup> Easy Shine Applicator System is easy to use and reduces floor finish waste when compared to mop and bucket application.



### Cleaning Chemicals

# 3M™ Twist 'n Fill™ Cleaning Chemical Management System

The 3M<sup>TM</sup> Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System features a single dispenser that is designed to accurately dilute and dispense a wide range of cleaning solutions. You pick and choose only the chemicals you need for your cleaning tasks-and dispense them all through the same dispenser.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- EQ Credit 10.3 Green Cleaning: Low Environmental Impact Cleaning Policy. LEED® O&M- EQ Credit 3.1 Green Cleaning: High Performance Cleaning Program, LEED® EB v3.0 - IEQ Credit 3.1: Green Cleaning- High Performance Cleaning Program, LEED® EB OB&M updated 2/11 - IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program.



The  $3M^{TM}$  Twist 'n Fill<sup>TM</sup> system is an engineered, controlled system designed to help prevent direct contact with the concentrate. The  $3M^{TM}$  Twist 'n Fill<sup>TM</sup> system produces accurate ready-to-use products and offers material safety data sheets (MSDSs) and labels for both concentrates and ready-to use products. Diluted products formulations were optimized to be effective using cold water instead of hot water, which helps to prevent a possible scalding hazard and can help reduce energy use. To help minimize packaging impacts on the environment,  $3M^{TM}$  Twist 'n Fill<sup>TM</sup> uses concentrated formulas, packaging designed to reduce exposure to product, recyclable packaging, pump sprayers rather than aerosols, and products are shipped in bulk.



# 3M™ Twist 'n Fill™ System Dispenser

A unique, compact, versatile chemical dispenser that dilutes chemical concentrates with water to create ready-to-use cleaning products.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- EQ Credit 10.3 Green Cleaning: Low Environmental Impact Cleaning Policy. LEED® O&M- EQ Credit 3.1 Green Cleaning: High Performance Cleaning Program, LEED® EB v3.0 -IEQ Credit 3.1: Green Cleaning- High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program.

#### **Environmental/Energy Advantage:**

To help minimize packaging and other impacts on the environment, 3M<sup>TM</sup> Twist 'n Fill<sup>TM</sup> Cleaning Chemical Management System utilizes a reusable dispenser, concentrated formulas, products that are shipped in bulk, and recyclable packaging designed to help reduce human and environmental exposure to concentrated chemicals.



### 3M<sup>™</sup> Portable Dispensing System P10

3M<sup>TM</sup> Portable Dispensing System for use with portable series 3M cleaning and disinfecting concentrate products. Contains dispenser, 6 foot hose with pressure relief valve and connector, female and male quick connects and back flow preventer.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB O&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program. LEED®O&M- IEQ Credit 3.3 EB v3.0 -IO Credit 1: Innovation in Operations.

#### **Environmental/Energy Advantage:**

To help minimize packaging and other impacts on the environment,  $3M^{TM}$  Portable Dispensing System utilizes a reusable dispenser which accurately dilutes and dispenses concentrated formulas. This system uses products that are shipped in bulk, and recyclable packaging designed to help reduce human and environmental exposure to concentrated chemicals.



### 3M™ Glass Cleaner Concentrate 1L

Non-streaking cleaner for windows, glass, mirrors, and other mirrored surfaces. Low flow for use in filling bottles. 2 liter concentrate bottle yields 30 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

#### **LEED® Claim:**

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.



This product meets Green Seal<sup>TM</sup> Standard GS-37 based on effective performance, concentration of product, minimized/recycled packaging, and protective limits on VOCs and human and environmental toxicity. Acute toxicity and skin/eye damage met requirements at the as-used dilution, as specified for closed dilution systems. GreenSeal.org.





#### 3M™ Glass Cleaner Concentrate 1P

Green Seal<sup>TM</sup> Certified non-streaking cleaner for windows, glass, mirrors and other mirrored surfaces. For use in filling bottles or buckets. For use with  $3M^{TM}$  Portable Dispensing System.

Toll Free Number: 1-800-626-8578 Website: www.3M.com/facility

#### **LEED® Claim:**

Use of this product helps contribute to LEED® EB O&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program. LEED®O&M- IEQ Credit 3.3 EB v3.0 -IO Credit 1: Innovation in Operations.

#### **Environmental/Energy Advantage:**

This product meets Green Seal<sup>TM</sup> Standard GS-37 based on effective performance, concentration of product, minimized/recycled packaging, and protective limits on VOCs and human and environmental toxicity. Acute toxicity and skin/eye damage met requirements at the as-used dilution, as specified for closed dilution systems. GreenSeal.org.





# **Building Management**

### 3M™ Heavy Duty Multi-Surface Cleaner Concentrate 2L

Versatile cleaner removes most spots, stains and grease from washable surfaces. Use to remove marks from carpets, marble, aluminum, stainless steel and chrome. 2 liter concentrate bottle yields 7 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.ww.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.



#### 3M™ Neutral Cleaner Concentrate 3H

No-rinse, low-foaming formula won't harm washable hard floors or leave soapy residue that can dull or soften floor finish. Use with mop or automatic scrubber. Fresh scent. 2 liter concentrate bottle yields 207 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

LEED® Claim:

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.



This product meets Green Seal<sup>TM</sup> Standard GS-37 based on effective performance, concentration of product, minimized/recycled packaging, and protective limits on VOCs and human and environmental toxicity. GreenSeal.org.





#### 3M™ Neutral Cleaner Concentrate 3P

Green Seal<sup>TM</sup> Certified no-rinse, low-foaming formula won't harm washable hard floors or leave soapy residue that can dull or soften floor finish. Use with bottle, mop or automatic scrubber. Fresh scent. For use with 3M <sup>TM</sup> Portable Dispensing System.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit

3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB O&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.



This product meets Green Seal<sup>TM</sup> Standard GS-37 based on effective performance, concentration of product, minimized/recycled packaging, and protective limits on VOCs and human and environmental toxicity. GreenSeal.org.





### 3M™ Bathroom Disinfectant Cleaner Concentrate 4L

EPA-registered disinfectant cleaner removes soap scum and scale from bathroom surfaces. Low flow for use in filling bottles. 2 liter concentrate bottle yields 27 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.



#### 3M™ Bathroom Disinfectant Cleaner Concentrate 4P

EPA-registered disinfectant cleaner removes soap scum and scale from bathroom surfaces. For use in filling bottles or buckets. Designed for use with  $3M^{TM}$  Portable Dispensing System.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB O&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program. LEED®O&M- IEQ Credit 3.3 EB v3.0 -IO Credit 1: Innovation in Operations.

#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.



# **Building Management**

### 3M™ Quat Disinfectant Cleaner Concentrate 5H

EPA-registered disinfectant cleaner for use in hospitals. Kills HIV-1, MRSA, VRE, herpes simplex I and II and other pathogens. Rinse-free, pleasant fragrance. High flow for dispensing into buckets. 2 liter concentrate bottle yields 127 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.



# 3M<sup>™</sup> Speed Stripper Concentrate 6H

High-performance, 5-minute stripper. Removes sealers and floor finish buildup and finishes hardened by frequent burnishing. No unpleasant odor. High flow for dispensing into buckets. 2 liter concentrate bottle yields 8.2 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.



### 3M<sup>™</sup> Food Service Degreaser Concentrate 7H

Removes food and oily soils from hard surfaces such as walls, floors, tables and vinyl. High flow for use in filling buckets. 2 liter concentrate bottle yields 123 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.



### 3M™ General Purpose Cleaner Concentrate 8H

High-performance, all-purpose cleaner. First choice for your everyday cleaning needs. Use on floors, walls and other nonporous surfaces. High flow for use in filling buckets. 2 liter concentrate bottle yields 35 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.



This product meets Green Seal<sup>TM</sup> Standard GS-37 based on effective performance, concentration of product, minimized/recycled packaging, and protective limits on VOCs and human and environmental toxicity. Acute toxicity and skin/eye damage met requirements at the as-used dilution, as specified for closed dilution systems. GreenSeal.org.





### 3M<sup>™</sup> General Purpose Cleaner Concentrate 8P

Green Seal $^{\text{TM}}$  Certified high-performance, all-purpose cleaner. First choice for your everyday cleaning needs. Use on floors, walls and other nonporous surfaces. For use in filling bottles, buckets or auto scrubbers. Designed for use with the  $3M^{\text{TM}}$  Portable Dispensing System.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

LEED® Claim:

Use of this product helps contribute to LEED® EB O&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program. LEED®O&M- IEQ Credit 3.3 EB v3.0 -IO Credit 1: Innovation in Operations.

#### **Environmental/Energy Advantage:**

This product meets Green Seal™ Standard GS-37 based on effective performance, concentration of product, minimized/recycled packaging, and protective limits on VOCs and human and environmental toxicity. Acute toxicity and skin/eye damage met requirements at the as-used dilution, as specified for closed dilution systems. GreenSeal.org.





### Scotchgard™ Bonnet Cleaner Concentrate 11L

Excellent cleaner for lightly-soiled carpets. Maintains anti-soiling and stain-resistant properties of carpets treated with Scotchgard  $^{TM}$  Protector. Ready-to-use product with neutral pH is safe for cleaning nylon stain-resistant carpets. 2 liter concentrate bottle yields 26 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.



### 3M™ Non-Acid Disinfectant Bathroom Cleaner Concentrate 15L

Daily-use, EPA-registered, disinfectant bathroom cleaner for bowls, urinals, and other hard surfaces including ceramic tile, plastic, stainless steel, fiberglass and marble. 2 liter concentrate bottle yields 61 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

### LEED® Claim:

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.



### 3M<sup>™</sup> Sanitizer Concentrate 16L

EPA-registered sanitizer for walls, floors and other hard, nonporous surfaces. For sanitizing food contact surfaces. 2 liter concentrate bottle yields 135 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.



### 3M™ Glass Cleaner and Protector Concentrate 17L

3M<sup>TM</sup> Glass Cleaner and Protector with Scotchgard<sup>TM</sup> Protection leaves an invisible layer of protection on glass and uncoated granite, ceramic and porcelain, making these surfaces easier to clean after routine use. Scotchgard<sup>TM</sup> Protection also helps reduce fogging on windows and mirrors with repeated use, leaving glass with an attractive shine. Also cleans (but may not protect) other hard surfaces like stainless steel, chrome, aluminum, ceramic, plastic, acrylic plastic, desks, walls and other common nonporous surfaces. This versatile cleaner removes dirt, greases and oils from hard washable surfaces. Not for use on direct food contact surfaces, vehicles, inside aquariums, eyewear or porous surfaces. Formula has less than 0.1% VOC in diluted, ready-to-use format through 3M<sup>TM</sup> Twist 'n Fill<sup>TM</sup> Chemical Management System. Green Seal<sup>TM</sup> GS-37 certified in 3M<sup>TM</sup> Twist 'n Fill<sup>TM</sup> format, as a glass and multipurpose cleaner. US patent pending. Each 2 liter bottle of concentrate yields 42 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

#### **LEED® Claim:**

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB O&M updated 2/11-IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product meets Green Seal<sup>TM</sup> Standard GS-37 based on effective performance, concentration of product, minimized/recycled packaging, and protective limits on VOCs and human & environmental toxicity. GreenSeal.org.





### 3M™ Non-Acid Bathroom Cleaner Concentrate 19L

Daily-use bathroom cleaner for toilets, urinals and other hard surfaces. Excellent soap scum remover. Low flow for use in filling spray bottles. 2 liter concentrate bottle yields 26 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.



### 3M<sup>™</sup> Heavy Duty Glass Cleaner Concentrate 20L

Non-streaking, heavy-duty cleaner for windows, glass, mirrors as well as stainless steel, chrome, aluminum, ceramic and plastic. Low flow for use in filling bottles. 2 liter concentrate bottle yields 12 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

LEED® Claim:

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.



### 3M™ TroubleShooter™ Finish Remover Concentrate 21L

Removes floor finish buildup from baseboards. Low-odor, fast-working, thick solution clings to vertical surfaces. Aggressively penetrates and loosens floor finish buildup. Does not contain butyl cellosolve. 2 liter concentrate bottle yields 2.8 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

#### **LEED® Claim:**

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and address the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED<sup>TM</sup> green building program.



### 3M™ Floor Stripper LO Concentrate 22H

Low-odor, low-foaming, 5-minute stripper for sealers, floor finish buildup and finishes hardened by frequent burnishing. High flow for use in filling buckets. 2 liter concentrate bottle yields 11 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

#### **LEED® Claim:**

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.



### 3M™ Neutral Quat Disinfectant Cleaner Concentrate 23H

For use in hospitals. EPA-registered disinfectant cleaner kills HIV-1, MRSA, VRE, herpes simplex I and II, and other pathogens. Rinse-free, low foaming, neutral pH formula. High flow for use in filling buckets. 2 liter concentrate bottle yields 120 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.



### 3M<sup>™</sup> 3-in-1 Floor Cleaner Concentrate 24H

Versatile, low-foaming cleaner for use in automatic scrubbers or in mop-on applications. Formulated for scrubbing before recoating as well as cleaning before burnishing and daily cleaning. High flow for use in filling buckets. 2 liter concentrate bottle yields 137 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

LEED® Claim:

Use of these products helps contribute to LEED® EB v2.0 - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB v2.0 IUOM Credit 1.1 - 1.4 Innovations in Upgrades, Operations and Maintenance, LEED® EB Operations & Maintenance - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB Operations & Maintenance - Innovation Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0 - MR Credit 7: Solid Waste Management - Ongoing Consumables, LEED® EB v3.0 - IO Credit 1: Innovation in Operations. LEED® EB O&M MR Credit 7



This product meets Green Seal<sup>TM</sup> Standard GS-37 based on effective performance, concentration of product, minimized/recycled packaging, and protective limits on VOCs and human and environmental toxicity. Acute toxicity and skin/eye damage met requirements at the as-used dilution, as specified for closed dilution systems. GreenSeal.org.





### 3M™ HB Quat Disinfectant Cleaner Concentrate 25H

Rinse-free, EPA-registered disinfectant for disinfecting and cleaning noncritical items. For use in hospitals. Kills hepatitis B virus (HBV), HIV, MRSA, VRE, herpes simplex I and II and other pathogens. 2 liter concentrate bottle yields 180 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

#### **LEED® Claim:**

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.



### 3M™ HB Quat Disinfectant Cleaner Concentrate 25P

Rinse free EPA-registered disinfectant for disinfecting and cleaning non-critical items. For use in hospitals. Kills hepatitus B virus (HBV), HIV, MRSA, VRE, herpes simplex I and II and other pathogens. For use in filling bottles or buckets. Designed for use with the  $3M^{TM}$  Portable Dispensing System.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

#### **LEED® Claim:**

Use of this product helps contribute to LEED® EB O&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program. LEED®O&M- IEQ Credit 3.3 EB v3.0 -IO Credit 1: Innovation in Operations.

#### ${\bf Environmental/\,Energy\,\,Advantage:}$

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.



### 3M™ Industrial Degreaser Cleaner Concentrate 26H

Removes petroleum-based grease and oil, animal fats, food soils and heavy dirt buildup. Can be used in industrial plants, transportation and auto facilities, schools, hospitals and other facilities to clean a variety of surfaces. 2 liter concentrate bottle yields 74 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.



### Scotchgard™ Extraction Cleaner Concentrate 27H

Powerful, low-foaming cleaner. Use to clean colorfast carpet with portable extraction machines. Ready-to-use product with neutral pH is safe for cleaning nylon stain-resistant carpets. High flow for use in filling buckets. 2 liter concentrate bottle yields 53 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.



## Scotchgard™ Pretreatment Cleaner Concentrate 28H

Hard-working cleaner for heavily soiled areas of colorfast carpet. Use as a pre-spray prior to extraction or shampooing to loosen soils and stains. 2 liter concentrate bottle yields 24 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.



### 3M™ Neutral Cleaner LO Concentrate 33H

Specially formulated for effective cleaning with minimal residue. Low odor. High flow for use in filling buckets. 2 liter concentrate bottle yields 207 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product meets Green Seal $^{\text{TM}}$  Standard GS-37 based on effective performance, concentration of product, minimized/recycled packaging, and protective limits on VOCs and human and environmental toxicity. GreenSeal.org.





### 3M™ Peroxide Cleaner Concentrate 34H

An all purpose, light duty, peroxide cleaner concentrate. A versatile, daily use cleaner effective against stains and soils. This low odor product leaves no messy residue behind. Uses effervescing action to clean carpet and nonporous surfaces such as floors, walls, tables, chairs, countertops, bathroom fixtures, sinks, bed frames, doors, shelves, tile and grout, and more. To be used only with 3M<sup>TM</sup> Twist 'n Fill<sup>TM</sup> Dispensing System. Green Seal<sup>TM</sup> GS-37 certified in 3M<sup>TM</sup> Twist 'n Fill<sup>TM</sup> format. Each 2 liter bottle of concentrate yields 53 ready-to-use gallons.

**Toll Free Number:** 1-800-626-5878 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB O&M updated 2/11-IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

#### **Environmental/Energy Advantage:**

This product meets Green Seal<sup>TM</sup> Standard GS-37 based on effective performance, concentration of product, minimized/recycled packaging, and protective limits on VOCs and human & environmental toxicity. Skin/eye damage met requirements at the as-used dilution, as specified for closed dilution systems. GreenSeal.org.





### 3M<sup>™</sup> Peroxide Cleaner Concentrate 34L

An all purpose, light duty, peroxide cleaner concentrate. A versatile, daily use cleaner effective against stains and soils. This low odor product leaves no messy residue behind. Uses effervescing action to clean carpet and nonporous surfaces such as floors, walls, tables, chairs, countertops, bathroom fixtures, sinks, bed frames, doors, shelves, tile and grout, and more. To be used only with 3M<sup>TM</sup> Twist 'n Fill<sup>TM</sup> Dispensing System. Green Seal<sup>TM</sup> GS-37 certified in 3M<sup>TM</sup> Twist 'n Fill<sup>TM</sup> format. Each 2 liter bottle of concentrate yields 53 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

#### **LEED® Claim:**

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB O&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.



This product meets Green Seal<sup>TM</sup> Standard GS-37 based on effective performance, concentration of product, minimized/recycled packaging, and protective limits on VOCs and human & environmental toxicity. Skin/eye damage met requirements at the as-used dilution, as specified for closed dilution systems. GreenSeal.org.





### 3M<sup>™</sup> Bathroom Cleaner Concentrate 44L

Removes soap scum and scale from bathroom surfaces. Low flow for use in filling bottles. 2 liter concentrate bottle yields 27 ready-to-use gallons.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

#### **LEED® Claim:**

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.

### ${\bf Environmental/\,Energy\,\,Advantage:}$

This product meets Green Seal<sup>TM</sup> Standard GS-37 based on effective performance, concentration of product, minimized/recycled packaging, and protective limits on VOCs and human and environmental toxicity. Acute toxicity and skin/eye damage met requirements at the as-used dilution, as specified for closed dilution systems. GreenSeal.org.





### 3M™ Deodorizer Concentrates

Long-lasting deodorizer. Low flow for use in filling bottles. 2 liter concentrate bottle yields 36 ready-to-use gallons. ( $3M^{TM}$  Deodorizer Country Day Scent Concentrate 12L,  $3M^{TM}$  Deodorizer Fresh Scent Concentrate 13L,  $3M^{TM}$  Deodorizer Mountain Spice Concentrate 14L).

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- MR Credit 4 Sustainable Cleaning Products and Materials; and EQ Credit 10.3 Green Cleaning: Low Environmental Impact, LEED® EB M&O-EQ Credit 3.4-3.6: Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB v3.0- IEQ Credit 3.3:Green Cleaning: Purchase of Sustainable Cleaning Products and Materials, LEED® EB OB&M updated 2/11 -IEQ Credit 3.1: Green Cleaning - High Performance Cleaning Program, LEED® EB OB&M updated 2/11 -IEQ Credit 3.3: Green Cleaning - Purchase of Sustainable Cleaning Products and Materials.



#### **Environmental/Energy Advantage:**

This product is sold in a concentrate form, which helps reduce packaging and transportation costs when compared to products that are not sold as concentrates. This product is also designed to be effective using cold water only, instead of hot, which can help to reduce energy costs and prevent the potential for scalding. In addition, the packaging is recyclable, and the container has been engineered to help ensure proper dilution and also help reduce human and environmental exposure to the concentrated chemicals. All of these features help reduce waste of both product and non-renewable resources, and reduce the impact the product may have on human health and the environment. This product can also help contribute toward credits under the LEED® green building program.

### Scotchgard™ Resilient Floor Protector

High Performance floor coating for vinyl and VCT substrates which offers a good and clean appearance over time, with benefits of labor savings, and elimination of stripping versus conventional acrylic finishes. Water based formula penetrates and protects resilient flooring surfaces such as vinyl, vinyl composition (VCT), and solid vinyl tile (SVT). Reduced number of required coats decreases install labor and ongoing maintenance requirements compared to conventional acrylic coatings. Simple to repair and recoat; no stripping required.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED®O&M- IEQ Credit 3.3 LEED®EB v3.0 -IO Credit 1: Innovation in Operations.

#### **Environmental/Energy Advantage:**

Scotchgard<sup>TM</sup> Resilient Floor Protector helps reduce worker and environmental exposure to harsh floor stripping chemicals, because stripping is not recommended for maintenance. Eliminating stripping operations also helps reduce water use associated with maintenance, and may help customers meet local waste water discharge requirements, including zinc restrictions. The National Floor Safety Institute (NFSI) has certified this product as providing "high traction," based upon a wet static coefficient of friction (SCOF) determination of greater than 0.60.



## Scotchgard™ Stone Floor Protector

High performance floor surface hardener and protective clear finish for concrete, marble, terrazzo, and other porous stone surfaces. Produces a glossy, hard, dust repellent, chemical-resistant and water-resistant surface. For use with the  $3M^{TM}$  Easy Shine Applicator System.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of this product helps contribute to LEED®O&M- IEQ Credit 3.3 LEED®EB v3.0 -IO Credit 1: Innovation in Operations.

#### **Environmental/Energy Advantage:**

Scotchgard<sup>TM</sup> Stone Floor Protector helps reduce worker and environmental exposure to harsh floor stripping chemicals, because stripping is not recommended for maintenance. Eliminating stripping operations also helps reduce water use associated with maintenance, and may help customers meet local waste water discharge requirements, including zinc restrictions. The National Floor Safety Institute (NFSI) has certified this product as providing "high traction," based upon a wet static coefficient of friction (SCOF) determination of greater than 0.60.



### Scotchgard™ Vinyl Floor Protector

High performance floor protector that utilizes nano-sized, inorganic particles. Applied with the 3M<sup>TM</sup> Easy Shine Applicator and has excellent stain, scuff and scratch resistance.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** 

Use of this product helps contribute to LEED®O&M- IEQ Credit 3.3 LEED®EB v3.0 -IO Credit 1: Innovation in Operations.

#### **Environmental/Energy Advantage:**

Scotchgard<sup>TM</sup> Vinyl Floor Protector is a high-performance floor protector. It reduces maintenance compared to traditional finishes, and is not stripped, eliminating staff and environmental exposure to harsh stripping chemicals. Works well on VCT and sheet vinyl/linoleum.



### Floor Pads

### 3M™ Floor Pads - Buffing & Cleaning

Floor pads are essential to the success of beautiful-looking floors. The nonwoven construction comes in a variety of sizes and shapes that are designed to be used on power floor cleaning equipment. Pads for removing light soil, scuffs and black heel marks while enhancing floor appearance. Equipment type: low to high speed machines (175-1500 RPM).

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

#### **LEED® Claim:**

Use of these products helps contribute to LEED® EB v2.0 - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB v2.0 IUOM Credit 1.1 - 1.4 Innovations in Upgrades, Operations and Maintenance, LEED® EB Operations & Maintenance - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB Operations & Maintenance - Innovation Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0 - MR Credit 7: Solid Waste Management - Ongoing Consumables, LEED® EB v3.0 - IO Credit 1: Innovation in Operations. LEED® EB O&M MR Credit 7



#### **Environmental/Energy Advantage:**

The right abrasive paired with the proper fibers using proprietary manufacturing techniques yields a pad that is durable and reusable, helping to postpone end-of-life disposal to landfills.

### 3M™ Floor Pads - Burnishing

Floor pads are essential to the success of beautiful-looking floors. The nonwoven construction comes in a variety of sizes and shapes that are designed to be used on power floor cleaning equipment. Repair finish and improve gloss and image clarity of floor surface. Equipment type: ultra high speed machines (1500 RPM and above).

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

#### **LEED® Claim:**

Use of these products helps contribute to LEED® EB v2.0 - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB v2.0 IUOM Credit 1.1 - 1.4 Innovations in Upgrades, Operations and Maintenance, LEED® EB Operations & Maintenance - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB Operations & Maintenance - Innovation Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0 - MR Credit 7: Solid Waste Management - Ongoing Consumables, LEED® EB v3.0 - IO Credit 1: Innovation in Operations. LEED® EB O&M MR Credit 7



#### **Environmental/Energy Advantage:**

The right abrasive paired with the proper fibers using proprietary manufacturing techniques yields a pad that is durable and reusable, helping to postpone end-of-life disposal to landfills.

### 3M<sup>™</sup> Floor Pads - Scrubbing

For heavy duty scrubbing prior to recoating. Can also be used for heavy duty spray cleaning or foam scrubbing. Removes dirt, spills, and scuffs, leaving a clean surface ready for recoating.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of these products helps contribute to LEED® EB v2.0 - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB v2.0 IUOM Credit 1.1 - 1.4 Innovations in Upgrades, Operations and Maintenance.

LEED® EB Operations & Maintenance - MR Credit 5.1-5.3 Occupant Recycling,

LEED® EB Operations & Maintenance - Innovation Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0 - MR Credit 7: Solid Waste Management - Ongoing Consumables, LEED®EB v3.0 -IO Credit 1: Innovation in Operations. LEED® EB O&M MR Credit 7

#### **Environmental/Energy Advantage:**

The right abrasive paired with the proper fibers using proprietary manufacturing techniques yields a pad that is durable and reusable, helping to postpone end-of-life disposal to landfills.

### 3M™ Floor Pads - Stripping

Floor pads are essential to the success of beautiful-looking floors. The nonwoven construction comes in a variety of sizes and shapes that to be used on power floor cleaning equipment designed to remove floor finish, sealer and contaminants from the floor surface. Done at the start of a maintenance program and at times when scrubbing will not achieve the desired results. Equipment type: low to high speed machines (175-600 RPM).

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of these products helps contribute to LEED® EB v2.0 - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB v2.0 IUOM Credit 1.1 - 1.4 Innovations in Upgrades, Operations and Maintenance,

LEED® EB Operations & Maintenance - MR Credit 5.1-5.3 Occupant Recycling,

LEED® EB Operations & Maintenance - Innovation Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0 - MR Credit 7: Solid Waste Management - Ongoing Consumables, LEED® EB v3.0 -IO

Credit 1: Innovation in Operations. LEED® EB O&M MR Credit 7



#### **Environmental/Energy Advantage:**

The right abrasive paired with the proper fibers using proprietary manufacturing techniques yields a pad that is durable and reusable, helping to postpone end-of-life disposal to landfills.

### Scotch-Brite™ Purple Diamond Floor Pad Plus

Diamond coated floor pads for cleaning and polishing marble, terrazzo, slate, and polished concrete flooring. 5 per case.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of these products helps contribute to LEED® EB v2.0 - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB v2.0 IUOM Credit 1.1 - 1.4 Innovations in Upgrades, Operations and Maintenance, LEED® EB Operations & Maintenance - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB Operations & Maintenance - Innovation Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0 - MR Credit 7: Solid Waste Management - Ongoing Consumables, LEED® EB v3.0 - IO Credit 1: Innovation in Operations.



Scotch-Brite<sup>TM</sup> Diamond Floor Pad System allows the maintenance and polishing of stone, marble and terazzo flooring without the use of floor finishes and strippers, helping to eliminate the slue of floor finish and floor stripping chemicals in a stone floor maintenance program.



### Scotch-Brite™ Surface Preparation Pads

Scotch-Brite™ Surface Preparation Pads for heavy-duty scrubbing of most floor surfaces prior to recoating using plain water or neutral cleaner.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/facility

**LEED® Claim:** 

Use of these products helps contribute to LEED® EB v2.0 - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB v2.0 IUOM Credit 1.1 - 1.4 Innovations in Upgrades, Operations and Maintenance, LEED® EB O&M- MR Credit 5.1-5.3 Occupant Recycling, LEED® EB O&M - Innovation Credit 1.1-1.4: Innovation in Operations, LEED® EB v3.0 - MR Credit 7: Solid Waste Management - Ongoing Consumables, LEED® EB v3.0 - IO Credit 1: Innovation in Operations.

#### **Environmental/Energy Advantage:**

Scotch-Brite<sup>TM</sup> Surface Preparation Pads are engineered to reduce the need for chemical strippers and labor hours assiciated when preparing a floor surface ready for refinishing. Scotch-Brite<sup>TM</sup> Surface Preparation Pads require only neutral cleaner or water to effectively remove floor finish, preparing the floor for finish application.



### **Matting**

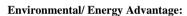
### 3M<sup>™</sup> Nomad<sup>™</sup> Carpet Matting 5000

For placement inside entrances. Attractive cross-rib, dual-fiber design that scrapes dirt and removes water. Slip-resistant vinyl backing won't stain the floor and prevents dirt and moisture from falling through mat to the floor.

**Toll Free Number:** 1-800-626-5878 **Website:** www.3M.com/building

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- EQ Credit 10.1 Green Cleaning: Entryway systems. LEED® EB M&O- EQ Credit 3.8: Green Cleaning: Entryway Systems, LEED® EB v3.0- IEQ Credit 3.5: Green Cleaning: Indoor Chemical and Pollutant Source Control.LEED® EB O&M IEQ Credit 3.5



3M<sup>TM</sup> Nomad<sup>TM</sup> Matting traps, holds, and hides dirt and water. Preventing dirt and water from entering a facility helps to maintain a clean and safe environment, not only by providing a clean appearance, but also by helping to reduce slip and fall incidents. Reducing the amount of water and dirt tracked into a facility can also help prevent damage to floor finishes and reduce the amount of time needed to clean the floors. By decreasing the frequency at which floors need to be stripped, re-coated, and cleaned, you can also help reduce the amount of time, energy, and chemicals needed to carry out these operations.



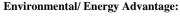
### 3M™ Nomad™ Heavy Traffic Backed Scraper Matting 8150

Entrance coiled vinyl scraper matting designed for heavy-traffic applications. The solid vinyl backing retains dirt and moisture. Grease- and oil-resistant.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

LEED® Claim:

Use of this product helps contribute to LEED® EB v2.0- EQ Credit 10.1 Green Cleaning: Entryway systems. LEED® EB M&O- EQ Credit 3.8: Green Cleaning: Entryway Systems, LEED® EB v3.0- IEQ Credit 3.5: Green Cleaning: Indoor Chemical and Pollutant Source Control.LEED® EB O&M IEQ Credit 3.5



3M<sup>TM</sup> Nomad<sup>TM</sup> Matting traps, holds, and hides dirt and water. Preventing dirt and water from entering a facility helps to maintain a clean and safe environment, not only by providing a clean appearance, but also by helping to reduce slip and fall incidents. Reducing the amount of water and dirt tracked into a facility can also help prevent damage to floor finishes and reduce the amount of time needed to clean the floors. By decreasing the frequency at which floors need to be stripped, re-coated, and cleaned, you can also help reduce the amount of time, energy, and chemicals needed to carry out these operations.



### 3M™ Nomad™ Heavy Traffic Unbacked Scraper Matting 8100

Entrance coiled vinyl scraper matting designed for heavy-traffic applications. The construction allows dirt and moisture to flow through the matting so it is not retracked into the building. Grease- and oil-resistant.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- EQ Credit 10.1 Green Cleaning: Entryway systems. LEED® EB M&O- EQ Credit 3.8: Green Cleaning: Entryway Systems, LEED® EB v3.0- IEQ Credit 3.5: Green Cleaning: Indoor Chemical and Pollutant Source Control.LEED® EB O&M IEQ Credit 3.5

#### **Environmental/Energy Advantage:**

3M<sup>TM</sup> Nomad<sup>TM</sup> Matting traps, holds, and hides dirt and water. Preventing dirt and water from entering a facility helps to maintain a clean and safe environment, not only by providing a clean appearance, but also by helping to reduce slip and fall incidents. Reducing the amount of water and dirt tracked into a facility can also help prevent damage to floor finishes and reduce the amount of time needed to clean the floors. By decreasing the frequency at which floors need to be stripped, re-coated, and cleaned, you can also help reduce the amount of time, energy, and chemicals needed to carry out these operations.



## 3M™ Nomad™ Medium Traffic Backed Scraper Matting 6050

Resilient vinyl loop construction traps, holds and hides dirt and sand, so the surface stays neat and clean. Foam backing reduces creeping and provides added foot comfort.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- EQ Credit 10.1 Green Cleaning: Entryway systems. LEED® EB M&O- EQ Credit 3.8: Green Cleaning: Entryway Systems, LEED® EB v3.0- IEQ Credit 3.5: Green Cleaning: Indoor Chemical and Pollutant Source Control.LEED® EB O&M IEQ Credit 3.5



#### **Environmental/Energy Advantage:**

3M<sup>TM</sup> Nomad<sup>TM</sup> Matting traps, holds, and hides dirt and water. Preventing dirt and water from entering a facility helps to maintain a clean and safe environment, not only by providing a clean appearance, but also by helping to reduce slip and fall incidents. Reducing the amount of water and dirt tracked into a facility can also help prevent damage to floor finishes and reduce the amount of time needed to clean the floors. By decreasing the frequency at which floors need to be stripped, re-coated, and cleaned, you can also help reduce the amount of time, energy, and chemicals needed to carry out these operations.

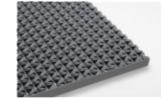
# 3M™ Nomad™ Z-Web Extreme Traffic Scraper Matting 9100

Entrance vinyl scraper matting designed for heavy-traffic recessed well applications. The vinyl Z construction allows dirt and moisture to fall through, becoming trapped in the well.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

LEED® Claim:

Use of this product helps contribute to LEED® EB v2.0- EQ Credit 10.1 Green Cleaning: Entryway systems. LEED® EB M&O- EQ Credit 3.8: Green Cleaning: Entryway Systems, LEED® EB v3.0- IEQ Credit 3.5: Green Cleaning: Indoor Chemical and Pollutant Source Control.LEED® EB O&M IEQ Credit 3.5



#### **Environmental/Energy Advantage:**

3M<sup>TM</sup> Nomad<sup>TM</sup> Matting traps, holds, and hides dirt and water. Preventing dirt and water from entering a facility helps to maintain a clean and safe environment, not only by providing a clean appearance, but also by helping to reduce slip and fall incidents. Reducing the amount of water and dirt tracked into a facility can also help prevent damage to floor finishes and reduce the amount of time needed to clean the floors. By decreasing the frequency at which floors need to be stripped, re-coated, and cleaned, you can also help reduce the amount of time, energy, and chemicals needed to carry out these operations.

### 3M™ Nomad™ Z-Web Medium Traffic Scraper Matting 6250

Entrance vinyl scraper matting designed for medium traffic applications. The vinyl Z construction allows dirt and moisture to flow through becoming trapped at the backing.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/building

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- EQ Credit 10.1 Green Cleaning: Entryway systems. LEED® EB M&O- EQ Credit 3.8: Green Cleaning: Entryway Systems, LEED® EB v3.0- IEQ Credit 3.5: Green Cleaning: Indoor Chemical and Pollutant Source Control.LEED® EB O&M IEQ Credit 3.5

#### **Environmental/Energy Advantage:**

3M<sup>TM</sup> Nomad<sup>TM</sup> Matting traps, holds, and hides dirt and water. Preventing dirt and water from entering a facility helps to maintain a clean and safe environment, not only by providing a clean appearance, but also by helping to reduce slip and fall incidents. Reducing the amount of water and dirt tracked into a facility can also help prevent damage to floor finishes and reduce the amount of time needed to clean the floors. By decreasing the frequency at which floors need to be stripped, re-coated, and cleaned, you can also help reduce the amount of time, energy, and chemicals needed to carry out these operations.

#### Water Filtration

### 3M™ Water Filtration BREW series

3M<sup>TM</sup> Water Filtration BREW series adds a scale inhibitor to the water to help control the precipitation of the carbonates as hard lime scale. The products also remove sediment, chlorine taste and odor from the incoming water.

**Toll Free Number:** 1-888-218-2866 **Website:** www.3MFoodservice.com

**LEED® Claim:** 

Use of this product helps comply with LEED® NC v2.2, EB v2.0-EA Prerequisite 2: Minimum Energy Performance; and helps contribute to LEED® NC v2.2- EA Credit 1: Optimize Energy Performance.

#### **Environmental/Energy Advantage:**

Energy savings through control of lime-scale formation on coffee-brewer heating coils and boilers. 3,500 gallon capacity for chlorine taste and odor reduction; scale reduction; sediment reduction, and cyst reduction (BREW110-MS).



### 3M™ Water Filtration ICE series

 $3M^{TM}$  Water Filtration ICE series add a scale inhibitor to the water to help control the precipitation of the carbonates as hard lime scale. The products also reduce sediment, chlorine taste and odor from the incoming water.

**Toll Free Number:** 1-888-218-2866 **Website:** www.3MFoodservice.com

**LEED® Claim:** 

Use of this product helps comply with LEED® NC v2.2, EB v2.0-EA Prerequisite 2: Minimum Energy Performance; and helps contribute to LEED® NC v2.2- EA Credit 1: Optimize Energy Performance.

#### **Environmental/Energy Advantage:**

Energy savings through control of lime-scale formation on ice machine evaporator plates. 25,000 gallon capacity for chlorine taste and odor reduction; scale reduction; sediment reduction, cyst reduction (ICE140-S), and bacteria reduction.



### Filtrete™ Advanced Water Filtration Kit

The Filtrete<sup>TM</sup> Advanced Faucet Water Filtration Kit fits neatly under the kitchen sink. It provides great tasting healthier\*\* water and has a convenient automatic shut-off valve for no-mess filter replacement. The Filtrete<sup>TM</sup> Advanced Faucet Water Filter is a chemical and mechanical reduction filter that reduces particulates like sediment, sand, silt, soil, and rust\*. It also reduces chlorine taste and odor, and parasitic cysts. The system is tested and certified by NSF International against NSF/ANSI Standard 42 for the reduction of chlorine taste and odor and Class I Particulates, and NSF/ANSI 53 for the reduction of cysts.

\*\*Based on the reduction of parasitic cysts.

\*Not tested or certified by NSF International.

**Toll Free Number:** 1-800-388-3458

Website: www.filtrete.com

#### **Environmental/Energy Advantage:**

Filtrete<sup>TM</sup> water filtration systems have the potential to greatly reduce the number of plastic bottles that go into landfills or are recycled. Considering that the total mass of an empty 16 oz. plastic bottle is approximately 25 grams, each cartridge with this capacity (2000 gallons or 7.571 liters) has the potential to prevent hundreds of pounds of plastic from entering landfills every year.



### Filtrete™ Standard Water Filtration Kit

The Filtrete<sup>TM</sup> Standard Faucet Water Filtration Kit fits neatly under the kitchen sink. It provides great tasting water and has a convenient automatic shut-off valve for no-mess filter replacement. The Filtrete<sup>TM</sup> Standard Faucet Water Filter reduces particulates like sediment, sand, silt, soil, and rust\*. The system is tested and certified by NSF International against NSF/ANSI Standard 42 for the reduction of chlorine taste and odor.

\*Not tested or certified by NSF International.

**Toll Free Number:** 1-800-388-3458

Website: www.filtrete.com

#### **Environmental/Energy Advantage:**

When used instead of bottled water, Filtrete<sup>TM</sup> water filtration systems have the potential to greatly reduce the number of plastic bottles that go into landfills or are recycled. Considering that the total mass of an empty 16 oz. plastic bottle is approximately 25 grams, each cartridge with this capacity (2000 gallons or 7.571 liters) has the potential to prevent hundreds of pounds of plastic from entering landfills every year.



### Window Films

### 3M™ Safety & Security Window Film Ultra Neutral S35

Exceptional performance. Up to 42 micro-layers make 3M<sup>TM</sup> Ultra Series films totally unique as well as tough and tear-resistant. This film delivers superior performance over standard polyester films in blast and impact events, yet still maintains a high level of optical clarity. Ultra Series films can also be combined with many 3M<sup>TM</sup> Sun Control Films to give you the best of both worlds.

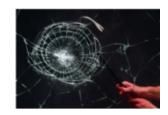
**Toll Free Number:** 1-866-499-8857 **Website:** www.3M.com/windowfilm

LEED® Claim:

Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

#### **Environmental/Energy Advantage:**

Helps increase personal safety from flying glass and deter smash and grab burglaries. Helps mitigate damage from windstorms, blasts and earthquakes.  $3M^{TM}$  Window Films are designed to reduce the effects of solar heat and visible light on your furnishings and will block up to 99% of the sun's harmful ultraviolet rays, which are the single largest cause of fading. Additional benefits include reduced glare and improved comfort.  $3M^{TM}$  Ultra Safety & Security Window Film Ultra Neutral S35 rejects up to 56% of the sun's heat that comes through the window.



### 3M™ Safety & Security Window Film Ultra Neutral S50

Exceptional performance. Up to 42 micro-layers make  $3M^{\text{TM}}$  Ultra Series films totally unique as well as tough and tear-resistant. This film delivers superior performance over standard polyester films in blast and impact events, yet still maintains a high level of optical clarity. Ultra Series films can also be combined with many  $3M^{\text{TM}}$  Sun Control Films to give you the best of both worlds.

**Toll Free Number:** 1-866-499-8857 **Website:** www.3M.com/windowfilm

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

#### **Environmental/Energy Advantage:**

Helps increase personal safety from flying glass and deter smash and grab burglaries. Helps mitigate damage from windstorms, blasts and earthquakes.  $3M^{TM}$  Window Films are designed to reduce the effects of solar heat and visible light on your furnishings and will block up to 99% of the sun's harmful ultraviolet rays, which are the single largest cause of fading. Additional benefits include reduced glare and improved comfort.  $3M^{TM}$  Ultra Safety & Security Window Film Ultra Neutral S50 rejects up to 43% of the sun's heat that comes through the window.



## 3M™ Safety & Security Window Film Ultra NV S25

Exceptional performance. Up to 42 micro-layers make  $3M^{TM}$  Ultra Series films totally unique as well as tough and tear-resistant. This film delivers superior performance over standard polyester films in blast and impact events, yet still maintains a high level of optical clarity. Ultra Series films can also be combined with many  $3M^{TM}$  Sun Control Films to give you the best of both worlds.

**Toll Free Number:** 1-866-499-8857 **Website:** www.3M.com/windowfilm

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

### Environmental/ Energy Advantage:

Helps increase personal safety from flying glass and deters mash and grab burglaries. Helps mitigate damage from windstorms, blasts and earthquakes.  $3M^{TM}$  Window Films are designed to reduce the effects of solar heat and visible light on your furnishings and will block up to 99% of the sun's harmful ultraviolet rays, which are the single largest cause of fading. Additional benefits include reduced glare and improved comfort.  $3M^{TM}$  Ultra Nigh Vision S25 Window Film rejects up to 64% of the sun's heat that comes through the window.



### 3M™ Safety & Security Window Film Ultra Silver S20

Exceptional performance. Up to 42 micro-layers make  $3M^{TM}$  Ultra Series films totally unique as well as tough and tear-resistant. This film delivers superior performance over standard polyester films in blast and impact events, yet still maintains a high level of optical clarity. Ultra Series films can also be combined with many  $3M^{TM}$  Sun Control Films to give you the best of both worlds.

**Toll Free Number:** 1-866-499-8857 **Website:** www.3M.com/windowfilm

**LEED® Claim:** 

Use of this product helps contribue to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

#### **Environmental/Energy Advantage:**

Helps increase personal safety from flying glass and deter smash and grab burglaries. Helps mitigate damage from windstorms, blasts and earthquakes.  $3M^{TM}$  Window Films are designed to reduce the effects of solar heat and visible light on your furnishings and will block up to 99% of the sun's harmful ultraviolet rays, which are the single largest cause of fading. Additional benefits include reduced glare and improved comfort.  $3M^{TM}$  Ultra Safety & Security Window Film S20SIAR400 rejects up to 77% of the sun's heat that comes through the window.



### 3M™ Safety and Security Window Film Ultra Prestige Series

Super cool protection. The first of its kind,  $3M^{TM}$  Ultra Prestige Film is a non-metalized film that offers all the benefits of sun control with safety features built in. It blocks heat and reduces hot spots and damaging UV rays, while also helping to hold the glass together in the event of breakage.

**Toll Free Number:** 1-866-499-8857 **Website:** www.3M.com/windowfilm

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

#### **Environmental/Energy Advantage:**

 $3M^{TM}$  Safety and Security Window Film Ultra Prestige Series is designed to reduce the effects of solar heat and visible light on your furnishings and will block up to 99.9% of the sun's harmful ultraviolet rays, which are the single largest cause of fading. Additional benefits include an elegant appearance, reduced glare and improved comfort.  $3M^{TM}$  Sun Control Window Film Prestige Series-Ultra rejects up to 59% of the sun's heat that comes through the window. By reducing heat, you can help save on your energy costs. The Skin Cancer Foundation recommends many  $3M^{TM}$  Window Film products as effective UV protectants.



#### 3M<sup>™</sup> Sun Control Window Film Amber 35 Low E

High heat reduction. These tinted, reflective films combine high heat reduction with a quick return on investment.

**Toll Free Number:** 1-866-499-8857 **Website:** www.3M.com/windowfilm

LEED® Claim:

Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

#### **Environmental/Energy Advantage:**

Our films block up to 99% of the sun's damaging UV rays which are the single largest cause of fading and sun damage. Additional benefits include an elegant appearance, reduced glare and improved comfort. 3M<sup>TM</sup> Amber Low E Sun Control Window Film rejects up to 75% of the sun's heat that comes through the window. By reducing heat, you can help save on your energy costs. The Skin Cancer Foundation recommends many 3M<sup>TM</sup> Window Film products as effective UV protectants.



### 3M™ Sun Control Window Film Night Vision Series

Better sight at night. Night Vision Series window films help block the sun's damaging UV rays and control heat and glare. You can let natural light into your space by day, and, thanks to a low interior reflectivity, still enjoy the view out at night. Medium to dark versions of this film also provide privacy so a passerby won't be able to see into your building during the day.

**Toll Free Number:** 1-866-499-8857 **Website:** www.3M.com/windowfilm

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

#### **Environmental/Energy Advantage:**

Our films block up to 99% of the sun's damaging UV rays which are the single largest cause of fading and sun damage. Additional benefits include an elegant appearance, reduced glare and improved comfort.  $3M^{TM}$  Night Vision Window Film rejects up to 73% of the sun's heat that comes through the window. By reducing heat, you can help save on your energy costs. The Skin Cancer Foundation recommends many  $3M^{TM}$  Window Film products as effective UV protectants.



### 3M™ Sun Control Window Film Prestige Series

Clearly superior. Designed to maintain the appearance of your home, Prestige Series films combine lower than glass reflectivity with film options that allow most of the light into your home. Prestige Series films allow 40% to 70% of the natural light into your home. The only thing you'll see day or night, inside or out, is a beautiful window.

**Toll Free Number:** 1-866-499-8857 **Website:** www.3M.com/windowfilm

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

#### **Environmental/Energy Advantage:**

Solar heat comes from two primary sources, the visible light you can see and the infrared light you can feel. Prestige Series window films use non-metallized, multi-layer optical film and nano-technology to reject up to 97% of the sun's infrared light and reject up to 60% of the heat coming through your windows. These films also reject up to 99.9% of damaging UV rays to reduce fading of your furnishings. These industry-leading, spectrally-selective films are designed to keep you cool, comfortable and protected.



### 3M<sup>™</sup> Sun Control Window Films Neutral

High heat reduction. These tinted, reflective films combine high heat reduction with a quick return on investment.

**Toll Free Number:** 1-866-499-8857 **Website:** www.3M.com/windowfilm

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

#### **Environmental/Energy Advantage:**

Our films block up to 99% of the sun's damaging UV rays which are the single largest cause of fading and sun damage. Additional benefits include an elegant appearance, reduced glare and improved comfort.  $3M^{TM}$  Neutral Sun Control Window Films reject up to 66% of the sun's heat that comes through the window. By reducing heat, you can help save on your energy costs. The Skin Cancer Foundation recommends many  $3M^{TM}$  Window Film products as effective UV protectants.



### 3M™ Sun Control Window Films Silver

High heat reduction. These tinted, reflective films combine high heat reduction with a quick return on investment.

**Toll Free Number:** 1-866-499-8857 **Website:** www.3M.com/windowfilm

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

#### **Environmental/Energy Advantage:**

Our films block up to 99% of the sun's damaging UV rays which are the single largest cause of fading and sun damage. Additional benefits include an elegant appearance, reduced glare and improved comfort. 3M<sup>TM</sup> Sun Control Window Films Silver reject up to 77% of the sun's heat that comes through the window. By reducing heat, you can help save on your energy costs. The Skin Cancer Foundation recommends many 3M<sup>TM</sup> Window Film products as effective UV protectants.



### 3M™ Safest Stripper™ Paint & Varnish Remover

3M<sup>TM</sup> Safest Stripper<sup>TM</sup> Paint & Varnish Remover is a water based non-flammable alternative to traditional paint and varnish removers. With excellent vertical cling, the semi-paste formula effectively strips surfaces without harming wood. The product does not contain methylene chloride, is biodegradable and cleans up with water. Great for indoor use.

Website: www.3M.com/Product/information/

#### **Environmental/Energy Advantage:**

Water based (>70% water) formulation.



#### Adhesives & Sealants

### 3M™ Hi-Strength 90 Spray Adhesive

3MTM Hi-Strength 90 Spray Adhesive quickly bonds to concrete, wood, MDF, laminates, or polyethylene.

#### **LEED® Claim:**

This product meets the criteria for aerosol adhesives in the United States GreenBuilding Council's LEED® NC, Green Building Rating System for New Construction and Major Renovations, Version 2.2, Environmental Quality ("EQ") Credit 4.1. Volatile Organic Carbons (less exempt solvents) are 54% by weight1 (below the 55% category limit) and this product meets the other product specific health and environmental requirements for aerosol adhesives listed in EQ Credit 4.1. In addition, this product is not manufactured with urea-formaldehyde resins or polymers.

#### **Environmental/Energy Advantage:**

This product meets the criteria for aerosol adhesives in the United States GreenBuilding Council's LEED® NC, Green Building Rating System for New Construction and Major Renovations, Version 2.2, Environmental Quality ("EQ") Credit 4.1. Volatile Organic Carbons (less exempt solvents) are 54% by weight1 (below the 55% category limit) and this product meets the other product specific health and environmental requirements for aerosol adhesives listed in EQ Credit 4.1. In addition, this product is not manufactured with urea-formaldehyde resins or polymers.



## 3M<sup>™</sup> Super 77<sup>™</sup> Multipurpose Adhesive

3M<sup>TM</sup> Super 77<sup>TM</sup> Multipurpose Spray Adhesive is a high tack and fast drying mist spray adhesive. Securely bonds many lightweight materials such as attaching foils, carpeting, lightweight paper and cloth.

Website: www.3MSuper77.com

#### **LEED® Claim:**

This product meets the criteria for aerosol adhesives in the United States Green Building Council's LEED® NC, Green Building Rating System for the New construction and Major Renovations, Version 2.2. Environmental Quality ("EQ") Credit 4.1. Volatile Organic Carbons (less exempt solvents) are less then 52% by weight and this product meets the other product specific health and environmental requirements for aerosol adhesives listed in EQ Credit 4.1. This product is not manufactured with ureaformaldehyde resins or polymers.

#### **Environmental/Energy Advantage:**

This product meets the criteria for aerosol adhesives in the United States Green Building Council's LEED® NC, Green Building Rating System for the New Construction and Major Renovations, Version 2.2. Environmental Quality ("EQ") Credit 4.1. Volatile Organic Carbons (less exempt solvents) are less then 52% by weight and this product meets the other product specific health and environmental requirements for aerosol adhesives listed in EQ Credit 4.1. This product is not manufactured with ureaformaldehyde resins or polymers.



### **Duct Tapes**

### Scotch® Multi-Use Duct Tape

An all-purpose duct tape that is excellent for a variety of applications in and around the home and shop.

Recommended Applications

- Holding, securing and bundling
- Regripping handles
- Reinforcing

Toll Free Number: 1-800-494-3552
Website: www.scotchbrand.com
Environmental/ Energy Advantage:
Uses solvent free manufacturing process.



### Scotch® Pro Strength Duct Tape

A professional-grade, multi-purpose duct tape suitable for light industrial and HVAC applications. Meets UL 723 standards. Recommended applications

- General repairs
- Industrial and HVAC applications

Toll Free Number: 1-800-494-3552
Website: www.scotchbrand.com
Environmental/ Energy Advantage:
Uses solvent-free manufacturing process.



## Scotch® Tough Duct Tape - Heavy Duty All-Weather

A heavy-duty duct tape designed for long-term, permanent, exterior repairs. Resists drying, cracking and peeling caused by the damaging effects of sunlight, heat, cold and moisture. Lasts three times longer than other 3M heavy-duty gray duct tapes in exterior conditions.

Recommended applications

- Long-lasting permanent repairs
- Heavy-duty patching
- Reinforcing/bundling

Toll Free Number: 1-800-494-3552
Website: www.ScotchToughTape.com
Environmental/ Energy Advantage:
Uses solvent free manufacturing process.



### Scotch® Tough Duct Tape - Transparent

Breakthrough 3M technology made this tape the first transparent duct tape on the market. It virtually disappears when applied, making repairs less obvious. Not just for indoor use, this tape lasts longer than other 3M heavy-duty gray duct tapes. With an improved adhesive formulation, it has high stick and excellent holding power.

#### Recommended applications

- Automotive
- Patio furniture
- Decorations
- Home electronics

Toll Free Number: 1-800-494-3552
Website: www.ScotchToughTape.com
Environmental/ Energy Advantage:
Uses solvent free manufacturing process.



#### Fire Protection

### 3M<sup>™</sup> Fire Barrier Cast-In Devices for Metal Pipes

Intumescent devices that firestop 2-, 3-, 4- or 6-inch metallic penetrations through fire-rated concrete floor assemblies. Attach directly to the form before a concrete slab is poured. Create an opening through which mechanical, electrical or plumbing penetrants can be routed after the slab is cured and forms are removed. Tested and listed systems providing up to 3 hours of fire protection.

Toll Free Number: 1-800-328-1687 Website: www.3M.com/firestop Environmental/ Energy Advantage:

Provides a re-enterable solution for firestopping applications. This feature reduces the waste associated with traditional products that must be discarded and replaced when assemblies are modified.



## 3M™ Fire Barrier Cast-In Devices for Plastic Pipes

Intumescent devices that firestop 2-, 3-, 4- or 6-inch non-metallic penetrations through fire-rated concrete floor assemblies. Attach directly to the form before a concrete slab is poured. Create an opening through which mechanical, electrical or plumbing penetrants can be routed after the slab is cured and forms are removed. Tested and listed systems providing up to 4 hours of fire protection.

Toll Free Number: 1-800-328-1687 Website: www.3M.com/firestop Environmental/ Energy Advantage:

Provides a re-enterable solution for firestopping applications. This feature reduces the waste associated with traditional products that must be discarded and replaced when assemblies are modified.



### 3M<sup>™</sup> Fire Barrier Composite Sheet CS-195+

A thin one-part composite system designed to firestop blank openings and larger penetrations such as cable trays and conduit and HVAC ductwork through rated construction.

Toll Free Number: 1-800-328-1687 Website: www.3M.com/firestop Environmental/ Energy Advantage:

Provides a re-enterable solution for firestopping applications. This feature reduces the waste associated with traditional products that must be discarded and replaced when assemblies are modified.



## 3M™ Fire Barrier Moldable Putty+ Pads

A one-part, ready-to-use, re-enterable, intumescent putty that can be easily formed to firestop wall-openings and through penetrations in fire-rated assemblies.

Toll Free Number: 1-800-328-1687 Website: www.3M.com/firestop Environmental/ Energy Advantage:

Provides a re-enterable solution for firestopping applications. This feature reduces the waste associated with traditional products that must be discarded and replaced when assemblies are modified.



## 3M™ Fire Barrier Moldable Putty+ Sticks

A one-part, ready-to-use, re-enterable, intumescent putty that can be easily formed to firestop through penetrations and blank openings in fire-rated assemblies.

Toll Free Number: 1-800-328-1687 Website: www.3M.com/firestop Environmental/ Energy Advantage:

Provides a re-enterable solution for firestopping applications. This feature reduces the waste associated with traditional products that must be discarded and replaced when assemblies are modified.



### 3M<sup>™</sup> Fire Barrier Pass-Through Devices

Up to 3 hour fire protection for electrical, data, communications cable or pipes penetrating fire-rated floors or walls. Ideal for vital telecom equipment, especially in high-traffic areas where cable is frequently added or removed. Simple-to-install 2- or 4-inch devices help keep penetrants protected and organized (0% to 100% fillable) throughout a building's lifecycle.

Toll Free Number: 1-800-328-1687 Website: www.3M.com/firestop Environmental/ Energy Advantage:

Provides a re-enterable solution for firestopping applications. This feature reduces the waste associated with traditional products that must be discarded and replaced when assemblies are modified.



### 3M<sup>™</sup> Fire Barrier Pillows

 $3M^{TM}$  Fire Barrier Pillows are a self-contained highly intumescent product designed to firestop a wide variety of through-penetrations including cable trays (up to two per opening), conduit and blank openings, which penetrate fire-rated construction.

Toll Free Number: 1-800-328-1687 Website: www.3M.com/firestop Environmental/ Energy Advantage:

Provides a re-enterable solution for firestopping applications. This feature reduces the waste associated with traditional products that must be discarded and replaced when assemblies are modified.



### 3M™ Fire Barrier Sealant CP 25WB+

High-performance latex-based intumescent firestop sealant.

**Toll Free Number:** 1-800-328-1687 **Website:** www.3M.com/firestop

**LEED® Claim:** 

VOC content\* complies with the intent of LEED® NC-EQ Credit 4.1 for Low-Emitting Materials: Adhesives and Sealants, (\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168)

**Environmental/Energy Advantage:** 

(\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).



### 3M<sup>™</sup> Fire Barrier Sealant FD 150+

Ready-to-use, gun-grade latex-based elastomeric sealant that cures upon exposure to the atmosphere to form a monolithic flexible firestop seal.

**Toll Free Number:** 1-800-328-1687 **Website:** www.3M.com/firestop

**LEED® Claim:** 

VOC content\* complies with the intent of LEED® NC-EQ Credit 4.1 for Low-Emitting Materials: Adhesives and Sealants, (\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).

#### **Environmental/Energy Advantage:**

(\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).



### 3M<sup>™</sup> Fire Barrier Sealant IC 15WB+

Economical, general-purpose latex-based intumescent firestop sealant.

**Toll Free Number:** 1-800-328-1687 **Website:** www.3M.com/firestop

LEED® Claim:

VOC content\* complies with the intent of LEED® NC-EQ Credit 4.1 for Low-Emitting Materials: Adhesives and Sealants, (\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).

#### **Environmental/Energy Advantage:**

(\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).



## 3M<sup>™</sup> Fire Barrier Self-Locking Pillows

3M<sup>TM</sup> Fire Barrier Self Locking Pillows are based on the design of our 3M<sup>TM</sup> Fire Barrier Pillows they provide all of the system coverage you have gotten use to plus they provide the added benefits of interlocking strips which allow them to easily be installed in floors and walls and removed quickly when new services are added.

Toll Free Number: 1-800-328-1687 Website: www.3M.com/firestop Environmental/ Energy Advantage:

Provides a re-enterable solution for firestopping applications. This feature reduces the waste associated with traditional products that must be discarded and replaced when assemblies are modified.



### 3M™ Fire Barrier Silicone Sealant 2000+

Elastomeric, ready-to-use, single-component, neutral-cure silicone sealant that cures upon exposure to atmospheric humidity to form a flexible firestop seal that also acts as a barrier to airborne sound transmission.

**Toll Free Number:** 1-800-328-1687 **Website:** www.3M.com/firestop

**LEED® Claim:** 

VOC content\* complies with the intent of LEED® NC-EQ Credit 4.1 for Low-Emitting Materials: Adhesives and Sealants, (\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).

#### **Environmental/Energy Advantage:**

(\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).



## 3M™ Fire Barrier Water Tight Sealant 1000 NS

Non-slump, ready-to-use, single component, neutral cure, elastomeric silicone firestop that also acts as a barrier to water leakage and airborne sound transmission.

**Toll Free Number:** 1-800-328-1687 **Website:** www.3M.com/firestop

**LEED® Claim:** 

VOC content\* complies with the intent of LEED® NC-EQ Credit 4.1: Credit 4.1 for Low-Emitting Materials: Adhesives and Sealants, (\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).

#### **Environmental/Energy Advantage:**

(\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).



## 3M™ Fire Barrier Water Tight Sealant 1003 SL

Self-leveling, ready-to-use, single component, neutral cure, elastomeric silicone firestop that also acts as a barrier to water leakage and airborne sound transmission.

**Toll Free Number:** 1-800-328-1687 **Website:** www.3M.com/firestop

**LEED® Claim:** 

VOC content\* complies with the intent of LEED® NC-EQ Credit 4.1: Credit 4.1 for Low-Emitting Materials: Adhesives and Sealants, (\*VOC content is calculated less water and exempt compounds per SCAOMD Rule 1168).

#### **Environmental/Energy Advantage:**

(\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).



### 3M™ Fire Barrier Water Tight Sealant 3000 WT

Ready-to-use, high-performance, single component, neutral cure, silicone firestop that also acts as a barrier to water leakage and airborne sound transmission. Provides up to 4-hour fire protection. Light gray color with black flecks, no mixing required.

**Toll Free Number:** 1-800-328-1687 **Website:** www.3M.com/firestop

**LEED® Claim:** 

VOC content\* complies with the intent of LEED® NC-EQ Credit 4.1: Credit 4.1 for Low-Emitting Materials: Adhesives and Sealants, (\*VOC content is calculated less water and exempt compounds per SCAOMD Rule 1168).

#### **Environmental/Energy Advantage:**

(\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).



### 3M™ FireDam™ Spray 200

Sprayable water-based material, that dries to form a durable, elastomeric firestop coating. This material, when used as part of an assembly, will firestop building joints, perimeter joints (curtain wall), and through penetration seals. Provides up to 4-hour fire protection in construction joints. Gray spray (also available in red),  $\pm$  50% movement capabilities.

**Toll Free Number:** 1-800-328-1687 **Website:** www.3M.com/firestop

**LEED® Claim:** 

VOC content\* complies with the intent of LEED® NC-EQ Credit 4.2: Low Emitting Materials: Paints and Coatings (\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168)

#### **Environmental/Energy Advantage:**

(\*VOC content is calculated less water and exempt compounds per SCAQMD Rule 1168).



### Masking Tape

### Scotch® Greener Masking Tape

3M<sup>TM</sup> Scotch® Greener Masking Tape is the professional's choice for projects where higher adhesion tapes are needed. Now these same trusted tapes have a better environmental impact that you and your consumers can feel good about.

**Toll Free Number:** 1-800-494-3552 **Website:** www.ScotchBlue.com

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB O&M MR Credit 1: Sustainable Purchasing - Ongoing Consumables, as Scotch® Masking Tape #2050 contains >10% postconsumer waste.

#### **Environmental/Energy Advantage:**

This product contains 30% recycled fiber into the tape backing. Tape core contains >90% recycled fiber and is recyclable. Tape is made with a solvent-less adhesive coating process.



### Scotch® Masking Tape for Hard-to-Stick Surfaces #2060

This tape features very high adhesion designed specifically for use with lacquer coatings. It sticks aggressively, making it ideal for rough surfaces such as stucco, concrete and rough wood. This tape can be cleanly removed for up to three days.

Toll Free Number: 1-800-494-3552
Website: www.ScotchBlue.com
Environmental/ Energy Advantage:
Uses solvent free manufacturing process.



## Scotch® Masking Tape for Production Painting #2020

Scotch® Masking Tape for Production Painting is a high adhesion tape with a clean removal time of one day. It is ideal for non-damageable surfaces such as vinyl, carpet and wood.

Toll Free Number: 1-800-494-3552
Website: www.ScotchBlue.com
Environmental/ Energy Advantage:
Uses solvent free manufacturing process.



## ScotchBlue™ Painter's Tape Multi-Use #2090

ScotchBlue<sup>TM</sup> Painter's Tapes are the most versatile among the Scotch® masking tapes and they are the best choice for most painting projects. ScotchBlue<sup>TM</sup> Painter's Tape for Multi-Use is a medium adhesion tape with a clean removal time of 14 days, even in challenging situations, including glass exposed to direct sunlight. Works well for most painting applications such as painted trim, woodwork, glass and metal.

Toll Free Number: 1-800-494-3552 Website: www.ScotchBlue.com Environmental/ Energy Advantage: Uses water based-coating process.



### Weatherization Products

### 3M™ Window Insulator Kits

An innovative solution to reduce heating costs and save energy,  $3M^{TM}$  Window Insulator Kits keep cold drafts out and warm air in through heat shrink window film and Scotch® Window Film Mounting Tape. Easy to install,  $3M^{TM}$  window kits have the clearest film and stay up all season long with Scotch® tape technology. Available in a variety of indoor and outdor window sizes.

Website: www.3M.com/saveenergy

#### **Environmental/Energy Advantage:**

Users can save up to \$18 per window\* during the heating season.  $3M^{\text{TM}}$  Window Insulator Kits stop cold drafts, reduce air leaks around windows, lower heating costs, reduce condensation and prevent frost build-up.

\*Based on averages from the northern half of the U.S. Actual energy savings will vary depending on many factors, including furnace and window type, average indoor/outdoor temperature and length of heating season.

### Adhesives and Tapes

## 3M<sup>™</sup> Adhesive Tape F9755PC

Thicker version of F9752PC for textured surfaces.

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Less than 0.5% volatile at 95°C; less than 1.5% volatile at 121°C

## 3M™ Adhesive Transfer Tape 466XL

Easy liner starting and removal. High surface energy and low surface energy materials such as coated and uncoated papers, films, plastics, foams and metals

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Solventless coating process

### 3M<sup>™</sup> Adhesive Transfer Tape 467MP

High performance acrylic adhesive for high surface energy substrates used for graphic attachment and industrial joining

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:



### 3M<sup>™</sup> Adhesive Transfer tape 467MPF

High performance acrylic adhesive for high surface energy substrates. Polyester liner for rotary processing of graphic and die cut parts.

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Less than 0.5% volatile at 95°C; less than 1.5% volatile at 121°C

### 3M<sup>™</sup> Adhesive Transfer Tape 468MP

High performance acrylic adhesive for high surface energy substrates used for graphic attachment and industrial joining

**Toll Free Number:** 800-223-7427 **Website:** www.3M.com/converter **Environmental/ Energy Advantage:** 

Less than 0.5% volatile at 95°C; less than 1.5% volatile at 121°C



### 3M<sup>™</sup> Adhesive Transfer Tape 468MPF

High performance acrylic adhesive for high surface energy substrates. Polyester liner for rotary processing of graphic and die cut parts.

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

### Converter Markets

### 3M<sup>™</sup> Adhesive Transfer Tape 6035PC

Resists fogging for automotive interior fabric joining applications.

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Less than 0.5% volatile at 95°C; less than 1.5% volatile at 121°C

### 3M<sup>™</sup> Adhesive Transfer Tape 6038PC

Low fogging, automotive fabric and carpet attachment.

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Less than 0.5% volatile at 95°C; less than 1.5% volatile at 121°C

### 3M<sup>™</sup> Adhesive Transfer Tape 9471LE

Bonds graphics to powder coatings, Low Surface Energy plastics and oily materials.

Toll Free Number: 800-223-7427
Website: www.3M.com/converter
Environmental/ Energy Advantage:



## 3M™ Adhesive Transfer Tape 9472FL

For textured surfaces.

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Less than 0.5% volatile at 95°C; less than 1.5% volatile at 121°C

### 3M<sup>™</sup> Adhesive Transfer Tape 9472LE

Thicker adhesive for textured Low Surface Energy plastics and powder coatings.

**Toll Free Number:** 800-223-7427 **Website:** www.3M.com/converter **Environmental/ Energy Advantage:** 

Less than 0.5% volatile at 95°C; less than 1.5% volatile at 121°C



# $3M^{\text{TM}}$ Adhesive Transfer Tape 9502

Used for economical attachment of graphics and industrial joining.

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:



## Converter Markets

### 3M<sup>™</sup> Adhesive Transfer Tape 9505

Used for economical attachment of graphics and industrial joining.

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Less than 0.5% volatile at 95°C; less than 1.5% volatile at 121°C

### 3M<sup>™</sup> Adhesive Transfer Tape 9667MP

Excellent moisture and solvent resistance. Medium and High Surface Energy Plastic bonding. Metal bonding.

**Toll Free Number:** 800-223-7427 **Website:** www.3M.com/converter **Environmental/ Energy Advantage:** 

Solventless coating process

## 3M<sup>™</sup> Adhesive Transfer Tape 9668MP

Excellent moisture and solvent resistance. Medium and High Surface Energy Plastic bonding. Metal bonding.

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Solventless coating process

#### 3M<sup>™</sup> Adhesive Transfer Tape 9671LE

High and low surface energy plastics. Medium temperature resistance up to  $250\ deg\ F$  short term.

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Solventless coating process

#### 3M<sup>™</sup> Adhesive Transfer Tape 9672LE

Outstanding Adhesion to low surface energy plastics, powder coated paints, and lightly oiled metals. Good chemical and humidity resistance. Up to 300 degrees F short term heat resistance

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Solventless coating process

## 3M<sup>™</sup> Adhesive Transfer Tape 9772WL

Provides excellent bond to various fabricated foams, fabrics and substrates.

**Toll Free Number:** 800-223-7427 **Website:** www.3M.com/converter **Environmental/ Energy Advantage:** 

Less than 0.5% volatile at 95°C; less than 1.5% volatile at 121°C

### Converter Markets

### 3M<sup>™</sup> Adhesive Transfer Tape 9773WL

Provides excellent bond to various fabricated foams, fabrics and substrates

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Less than 0.5% volatile at 95°C; less than 1.5% volatile at 121°C

#### 3M<sup>™</sup> Adhesive Transfer Tape 9774WL

Provides excellent bond to various fabricated foams, fabrics and substrates

Toll Free Number: 800-223-7427
Website: www.3M.com/converter
Environmental/ Energy Advantage:

Less than 0.5% volatile at 95°C; less than 1.5% volatile at 121°C

## 3M<sup>™</sup> Adhesive Transfer Tape 9775WL

Provides excellent bond to various fabricated foams, fabrics and substrates

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Less than 0.5% volatile at 95°C; less than 1.5% volatile at 121°C

#### 3M<sup>™</sup> Adhesive Transfer Tape 9925XL

Easy liner starting and removal, variety of high surface energy and low surface energy materials such as coated and uncoated papers, films, plastics, foams and metals

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Solventless coating process

### 3M<sup>™</sup> Adhesive Transfer Tape 9934XL

3M<sup>TM</sup> Adhesive Transfer Tape convenience. Easy liner starting and removal. High surface energy and low surface energy materials such as coated and uncoated papers, films, plastics, foams and metals

**Toll Free Number:** 800-223-7427 **Website:** www.3M.com/converter **Environmental/ Energy Advantage:** 

Solventless coating process

### 3M<sup>™</sup> Adhesive Transfer Tape F9460PC

High temperature, moisture and solvent resistance, High Surface Energy, Low Surface Energy; use for industrial joining and metal fabrication. UL listing 746C

Toll Free Number: 800-223-7427
Website: www.3M.com/converter
Environmental/ Energy Advantage:
Solventless coating process, 100% solids



## Converter Markets

### 3M<sup>™</sup> Adhesive Transfer Tape F9469PC

Excellent long-term holding power. Ideal for use in many interior and exterior industrial applications. Used for industrial joning and metal fabrication; UL listing 746C

Toll Free Number: 800-223-7427
Website: www.3M.com/converter
Environmental/ Energy Advantage:
Solventless coating process; 100% solids

## 3M<sup>™</sup> Adhesive Transfer Tape F9473PC

Excellent long-term holding power. Ideal for use in many interior and exterior industrial applications. Used for industrial joning and metal fabrication; UL listing 746C

**Toll Free Number:** 800-223-7427 **Website:** www.3M.com/converter

## 3M<sup>™</sup> Adhesive Transfer Tape F9752PC

High tack, can be applied in temperatures as low as 32°F

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Less than 0.5% volatile at 95°C; less than 1.5% volatile at 121°C

#### 3M<sup>™</sup> Adhesive Transfer Tape F9755PC

3M<sup>TM</sup> Adhesive Transfer Tape F9755PC is a thicker version for textured surfaces.

Toll Free Number: 1-800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

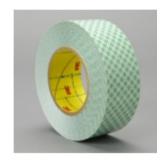
Less than 0.5% volatile at 95°C; less than 1.5% volatile at 121°C

#### 3M<sup>™</sup> Double Coated Film Tape 9589

Good adhesion to low surface energy substrates. For indoor and room temperature applications.

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Solventless coating process



#### 3M<sup>™</sup> Double Coated Tape 410M

3M<sup>TM</sup>Double Coated Paper Tape Natural rubber double coated tape with heavy paper carrier for increased strength and dimensional stability, Offers good initial adhesion to a variety of surfaces. For indoor and room temperature applications.

**Toll Free Number:** 800-223-7427 **Website:** www.3M.com/converter **Environmental/ Energy Advantage:** 



### Converter Markets

### 3M<sup>™</sup> Double Coated Tape 476XL

Extended 60 lb densified kraft paper liner with synthetic rubber adhesive and polypropylene carrier. Medium temperature and solvent resistance, high HSE and LSE. 6 mil thick and 3.7 mil white with red print liner.

**Toll Free Number:** 800-223-7427 **Website:** www.3M.com/converter **Environmental/ Energy Advantage:** 

Solventless coating process



## 3M™ Double Coated Tape 92010

Adds dimensional stability and improves handling with ease of die cutting and laminating

**Toll Free Number:** 1-800-223-7427 **Website:** www.3M.com/converter **Environmental/ Energy Advantage:** 

Solventless coating process

## 3M<sup>™</sup> Double Coated Tape 92015

Adds dimensional stability and improves handling with ease of die cutting and laminating

**Toll Free Number:** 800-223-7427 **Website:** www.3M.com/converter **Environmental/ Energy Advantage:** 

### 3M<sup>™</sup> Double Coated Tape 93010LE

Adds dimensional stability to foams and other substrates and also makes it easier to handle the tape during slitting and die-cutting

**Toll Free Number:** 800-223-7427 **Website:** www.3M.com/converter **Environmental/ Energy Advantage:** 

Solventless coating process

#### 3M<sup>™</sup> Double Coated Tape 93015LE

Adds dimensional stability to foams and other substrates and also makes it easier to handle the tape during slitting and die-cutting

**Toll Free Number:** 800-223-7427 **Website:** www.3M.com/converter **Environmental/ Energy Advantage:** 

Solventless coating process

## 3M<sup>™</sup> Double Coated Tape 93020LE

Adds dimensional stability to foams and other substrates and also makes it easier to handle the tape during slitting and die-cutting

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

## Converter Markets

#### 3M<sup>™</sup> Double Coated Tape 94210

Dimensional stability and improved handling with ease of die cutting and laminating

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Solventless coating process

#### 3M<sup>™</sup> Double Coated Tape 94215

Dimensional stability and improved handling with ease of die cutting and laminating

**Toll Free Number:** 800-223-7427 **Website:** www.3M.com/converter **Environmental/ Energy Advantage:** 

Solventless coating process

## 3M<sup>™</sup> Double Coated Tape 94220

Dimensional stability and improved handling with ease of die cutting and laminating

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

#### 3M<sup>™</sup> Double Coated Tape 9456

High adhesion to HSE materials, high tack. Good temperature, chemical and humidity resistance.

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Solventless coating process

#### 3M<sup>™</sup> Double Coated Tape 9576

Silicone adhesive features strong holding power to various silicone surfaces and high adhesion of the acrylic adhesive to a variety of surfaces

**Toll Free Number:** 800-223-7427 **Website:** www.3M.com/converter **Environmental/ Energy Advantage:** 

Solventless coating process



#### 3M<sup>™</sup> Double Coated Tape 9578

Silicone adhesive features strong holding power to various silicone surfaces and high adhesion of the acrylic adhesive to a variety of surfaces

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

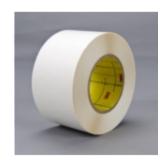
## Converter Markets

#### 3M<sup>™</sup> Double Coated Tape 9579

High adhesion to a variety of surfaces, good shear holding power and offers one-piece removal from most substrates.

**Toll Free Number:** 800-223-7427 **Website:** www.3M.com/converter **Environmental/ Energy Advantage:** 

Solventless coating process



## 3M™ Double Coated Tape 9599

Low VOC, non-woven tissue carrier with acrylic adhesive on both sides. It provides high adhesion to a wide variety of materials and is suitable for automobile interior applications.

Toll Free Number: 1-800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Low VOC

## 3M<sup>™</sup> Double Coated Tape 9824

Use as LED lens attachment for cellular phones and pagers, graphic attachment and high pressure laminate bonding

**Toll Free Number:** 800-223-7427 **Website:** www.3M.com/converter **Environmental/ Energy Advantage:** 

#### 3M<sup>™</sup> Double Coated Tape 99786

High adhesion to a wide variety of materials, including plastics and foams and has a thin nonwoven carrier for dimensional stability and improved handling

**Toll Free Number:** 800-223-7427 **Website:** www.3M.com/converter **Environmental/ Energy Advantage:** 

Solventless coating process

### 3M<sup>™</sup> Double Linered Adhesive Transfer Tape 9428

Easy handling, consistently maintain registration on-press when printing and converting, excellent adhesion to a variety of substrates, including low surface energy plastics such as polypropylene and polyethylene

**Toll Free Number:** 800-223-7427 **Website:** www.3M.com/converter **Environmental/ Energy Advantage:** 

Solventless coating process

### 3M<sup>™</sup> High Tack Double coated Polypropylene Tape 9443

Good adhesion to low surface energy substrates. For indoor and room temperature applications.

Toll Free Number: 800-223-7427
Website: www.3M.com/converter
Environmental/ Energy Advantage:

### Converter Markets

#### 3M<sup>™</sup> Membrane Switch Spacer 7945MP

Excellent temperature, chemical and UV resistance. High shear strength withstands repeated stresses of switch acuation. Designed to separate switch curcuitry until acuation. Both liners are printed

Toll Free Number: 800-223-7427
Website: www.3M.com/converter
Environmental/ Energy Advantage:

Less than 0.5% volatile at 95°C; less than 1.5% volatile at 121°C

### 3M™ Membrane Switch Spacer 7953MP

Excellent temperature, chemical and UV resistance. High shear strength withstands repeated stresses of switch acuation. Designed to separate switch curcuitry until acuation. Both liners are printed

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Less than 0.5% volatile at 95°C; less than 1.5% volatile at 121°C

### 3M™ Membrane Switch Spacer 7956MP

Excellent temperature, chemical and UV resistance. High shear strength withstands repeated stresses of switch acuation. Designed to separate switch curcuitry until acuation. Both liners are printed

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

Less than 0.5% volatile at 95°C; less than 1.5% volatile at 121°C

## 3M™ Scotch® ATG908 Gold

Good balance of high initial adhesion with quick stick and holding power. Offers good solvent and UV resistance.

Toll Free Number: 1-800-223-7427
Website: www.3M.com/converter
Environmental/ Energy Advantage:
Solventless coating process, 100% solids

# 3M<sup>™</sup> Comply<sup>™</sup> 1322 Lead Free Steam Indicator Tape and 3M<sup>™</sup> Comply<sup>™</sup> 1355 Lead Free Steam Indicator Tape

3M<sup>TM</sup> Comply<sup>TM</sup> Lead Free Steam Indicator Tapes are external chemical indicators used to securely seal the wrapping on instrument packs. They provide the sterilizer operator with visual assurance that each package has been exposed to the sterilization process, without having to open the pack.

#### **Environmental/Energy Advantage:**

Lead-free construction – with 3M trusted adhesive performance. Healthcare facilities around the world have relied on these easy-to-use, economical indicator tapes for more than 60 years. Now, thanks to our new lead-free construction, you can enjoy that same level of trusted performance - without the hassles and expense of managing and disposing of potentially hazardous waste. Lead is considered a "hazardous waste" under the Federal Resource, Conservation & Recovery Act (RCRA), which is the basis of U.S. EPA regulations for hazardous waste. Determining the amount of lead waste generated by the use of these products, and how properly to dispose of it, can be very a complex and costly process. For example, lead-containing autoclave tape attached to packages wrapped in hospital "blue wrap" might be considered hazardous waste, while the wrap itself would not. The amount of lead contained in a day's worth of discarded packages therefore would have to be calculated by first determining the average length of tape per square foot of wrap and then multiplying that by the concentration of lead in that length. As concern about the long-term health effects of lead and other toxic metals continues to grow, it is almost certain that regulations on the use and disposal of lead-containing products will become increasingly restrictive, complex and costly for healthcare facilities to follow. That's why standardizing on lead-free products, such as 3MTM ComplyTM Steam Indicator Tapes, make such good sense – by helping to simplify operations, avoid the risk of penalties for non-compliance, and enhancing your reputation for good environmental stewardship.



#### 3M<sup>™</sup> Comply<sup>™</sup> Bowie-Dick Test Packs

3M™ Comply™ Bowie-Dick Test Packs are used to monitor the performance of vacuum-assisted 132°C - 134°C (270°F - 273°F) steam sterilizers; test packs will reproducibly detect residual air in the sterilizer chamber due to air leaks, air removal failures and inadequate vacuum – any of which can compromise sterility.

#### **Environmental/Energy Advantage:**

Lead-free construction: Eliminates waste compliance concerns - dispose with ordinary non-hazardous waste. Lead is considered a "hazardous waste" under the Federal Resource, Conservation & Recovery Act (RCRA), which is the basis of U.S. EPA regulations for hazardous waste. Hospitals can incur heavy fines and penalties for RCRA violations, including failure to make a hazardous waste determination, improper disposal, improper hazardous waste labeling and lack of personnel training. Each facility must assess its own individual waste stream profile and develop appropriate disposal procedures consistent with local, state and federal regulations. Determining the amount of lead waste generated by the use of lead-containing products, and how properly to dispose of it, can be very a complex and costly process. As concern about the long-term health effects of lead and other toxic metals continues to grow, it is almost certain that regulations on the use and disposal of lead-containing products will become increasingly restrictive, complex and costly for healthcare facilities to follow. That's why standardizing on lead-free products, such as 3M<sup>TM</sup> Comply<sup>TM</sup> Bowie-Dick Test Packs, makes such good sense - by helping to simplify operations, avoiding the risk of penalties for noncompliance, and enhancing your reputation for good environmental stewardship. Below the RCRA (Resource Conservation & Recovery Act) 5 mg/l limit for lead as tested per the Toxicity Characteristic Leaching Procedure (TCLP).



### 3M™ EO Abator

The Abator takes ethylene oxide (EO) gas exhausted from  $3M^{TM}$  Steri-Vac<sup>TM</sup> Sterilizers and Aerators, converting it to CO{\sub 2} and water vapor. At normal operating temperatures and concentrations, removal efficiency is 99.9+%. A highly effective device for removing ethylene oxide (EO) from an airstream exhausted from  $3M^{TM}$  Steri-Vac<sup>TM</sup> EO Gas Sterilizer/Aerators. The EO Abator converts EO into carbon dioxide and water vapor through a heated catalytic process. The system includes an enclosed catalyst bed, air heater, fan and all controls necessary for complete operation.

Website: www.3M.com/healthcare

#### **Environmental/Energy Advantage:**

The EO Abator converts ethylene oxide (EO) into carbon dioxide and water vapor through a heated catalytic process. Use of a 3M<sup>TM</sup> EO Abator meets the requirements for the EPA National Emission Standards for Hospital Ethylene Oxide Sterilizers.



## Elipar™ S10 LED Curing Light

Elipar<sup>TM</sup> S10 LED Curing Light from 3M ESPE is the latest advancement in LED curing technology. Ideal for composites, componers, adhesives and light-cured glass ionomer materials, this next-generation, high-intensity light polymerization device is built for high performance and durability.

Website: www.3MESPE.com

#### **Environmental/Energy Advantage:**

Compared to conventional halogen curing lights, there's no bulb and no fan—resulting in minimal heat and silent operation. The curing light's unique heat-sink technology cools the LED. A built-in microprocessor ensures constant LED light.



#### Air Cleaning

### 3M™ Office Air Cleaners - OAC150 and OAC250

Compact-sized air cleaners help clean the air and reduce odors in your work area.  $3M^{TM}$  Office Air Cleaners have a three-stage filter design that includes both Filtrete<sup>TM</sup> filter media, ionization for airborne particulate removal and carbon for odor reduction. The OAC150 is recommended for 16' x 16' rooms and the OAC250 is recommend for 16' x 20' rooms.

**Toll Free Number:** 1-800-332-7483 **Website:** www.3M.com/myworkspace

**LEED® Claim:** 

Use of this product helps contribute to LEED® Green Building Certification EB O&M Credit 2.1 Sustainable Purchasing: Electric-Powered Equipment because 3M<sup>™</sup> Office Air Cleaners are ENERGY STAR® qualified.

#### **Environmental/Energy Advantage:**

3M<sup>TM</sup> Office Air Cleaners use Filtrete<sup>TM</sup> Filters and have an ionization feature which enhances cleaner efficiency. Products that earn the ENERGY STAR® prevent greenhouse gas emissions by meeting strict energy effiency guidlines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy.





#### **Cleaning Products**

### 3M™ Lens Cleaning Cloth

Microfiber texture cleans eyeglasses, cameras, binoculars and more without scratching.

Toll Free Number: 1-800-846-8887 Website: www.scotch-brite.com Environmental/ Energy Advantage:

Machine washable. Lasts through more than 100 washes. Effectively lifts and traps dust and fingerprints with or without sprays or polishes. Lifts & traps dust without chemicals. Lint-free. Scratch-free.



### O-Cel-O™ Handy Sponge 6-Pack

Ideal for household cleaning tasks. Developed with 3M's unique StayFresh<sup>TM</sup> Antimicrobial Technology to resist bacterial odors.

**Toll Free Number:** 1-800-846-8887 **Website:** www.o-cel-o.com

#### **Environmental/Energy Advantage:**

Sponge is made of cellulose, which is derived from wood pulp, a renewable resource. Refresh and reuse the sponge by sanitizing in your dishwasher.



## O-Cel-O™ Heavy Duty Scrub Sponge

Ideal for heavy duty cleaning.

**Toll Free Number:** 1-800-846-8887

Website: www.o-cel-o.com
Environmental/Energy Advantage:

Sponge is made of cellulose, which is derived from wood pulp, a renewable resource. Refresh and

reuse the sponge by sanitizing in your dishwasher.



## O-Cel-O™ Home, Car & Boat Sponge

Great for big jobs like washing floors and clean up large spills. Use on the car and in the boat, too.

**Toll Free Number:** 1-800-846-8887

Website: www.o-cel-o.com

**Environmental/Energy Advantage:** 

Sponge is made of cellulose, which is derived from wood pulp, a renewable resource. Refresh and reuse the sponge by sanitizing in your dishwasher.



## O-Cel-O™ No Scratch Scrub Sponge

O-Cel-O<sup>TM</sup> No Scratch Scrub sponge with fun designs are bright colorful sponges that let you clean with style.

**Toll Free Number:** 1-800-846-8887 **Website:** www.o-cel-o.com

 ${\bf Environmental/\,Energy\,Advantage:}$ 

Sponge is made of cellulose, which is derived from wood pulp, a renewable resource. Refresh and reuse the sponge by sanitizing in your dishwasher.



## Home & Office

#### Scotch-Brite® Delicate Care Scrub Sponge

The Scotch-Brite® Delicate Care Scrub Sponge gently cleans without scratching.

Toll Free Number: 1-800-846-8887 Website: www.scotch-brite.com Environmental/ Energy Advantage:

Sponge made of cellulose, which is derived from wood pulp, a renewable resource. Refresh and reuse

the sponge by sanitizing in your dishwasher.



#### Scotch-Brite® Greener Clean Absorbent Sponge

Rethink your routine with the greener way to clean. The Scotch-Brite® Brand you know and trust has created a line of effective cleaning products with sustainable qualities, offering you a choice you can feel good about. Learn more at ScotchBrite.com.

Toll Free Number: 1-800-846-8887 Website: www.scotch-brite.com Environmental/ Energy Advantage:

Sponge is reusable and long-lasting, outlasting 30 rolls of paper towels. Sponge is made with 23% recycled materials and is made from 100% plant-based fibers. Sponge is compostable in a commercial facility tracking ASTM D6400.



### Scotch-Brite® Greener Clean Heavy Duty Scour Pad

Rethink your routine with the greener way to clean. The Scotch-Brite® Brand you know and trust has created a line of effective cleaning products with sustainable qualities, offering you a choice you can feel good about. Learn more at ScotchBrite.com.

Toll Free Number: 1-800-846-8887
Website: www.scotch-brite.com
Environmental/ Energy Advantage:

50% of scrubbing fibers made from agave plant. Packaging is made from 100% recycled content and is 100% recyclable.

### Scotch-Brite® Greener Clean Heavy Duty Scrub Sponge

Rethink your routine with the greener way to clean. The Scotch-Brite® Brand you know and trust has created a line of effective cleaning products with sustainable qualities, offering you a choice you can feel good about. Learn more at ScotchBrite.com.

Toll Free Number: 1-800-846-8887 Website: www.scotch-brite.com Environmental/ Energy Advantage:

Sponge is reusable and long-lasting, outlasts 30 rolls of paper towels. Scrubbing fibers made from 50% agave plant. Sponge made from 100% plant-based fibers. Sponge made with 23% recycled materials.

#### Scotch-Brite® Greener Clean Non-Scratch Scour Pad

Rethink your routine with the greener way to clean. The Scotch-Brite® Brand you know and trust has created a line of effective cleaning products with sustainable qualities, offering you a choice you can feel good about. Learn more at ScotchBrite.com.

Toll Free Number: 1-800-846-8887 Website: www.scotch-brite.com Environmental/ Energy Advantage:

50% of scrubbing fibers made from agave plant. Packaging is made from 100% recycled content and is 100% recyclable.



### Scotch-Brite® Greener Clean Non-Scratch Scrub Sponge

Rethink your routine with the greener way to clean. The Scotch-Brite® Brand you know and trust has created a line of effective cleaning products with sustainable qualities, offering you a choice you can feel good about. Learn more at ScotchBrite.com.

Toll Free Number: 1-800-846-8887 Website: www.scotch-brite.com Environmental/ Energy Advantage:

Sponge is reusable and long-lasting, outlasts 30 rolls of paper towels. Scrubbing fibers made from 50% agave plant. Sponge made from 100% plant-based fibers. Sponge made with 23% recycled materials.



### Home & Office

## Scotch-Brite® Heavy Duty Scrub Sponge

The Scotch-Brite® Heavy Duty Scrub Sponge is designed to provide fast cleanups of tough jobs - removes tough, baked-on-messes 50% faster than competitive heavy duty scrub sponges.

Toll Free Number: 1-800-846-8887 Website: www.scotch-brite.com Environmental/ Energy Advantage:

Sponge is made of cellulose, which is derived from wood pulp, a renewable resource. Refresh and reuse the sponge by sanitizing in your dishwasher.



### Scotch-Brite® Non-Scratch Scrub Sponge

Fast cleaning without scratching for most household surfaces. Safe for non-stick cookware. Comfortable, easy-to-hold shape.

Toll Free Number: 1-800-846-8887 Website: www.scotch-brite.com Environmental/ Energy Advantage:

Sponge is made of cellulose, which is derived from wood pulp, a renewable resource. Refresh and reuse the sponge by sanitizing in your dishwasher.



#### Scotch-Brite® Reusable Counter Cloth

Scotch-Brite® Reusable Counter Cloth absorbs like a sponge, cleans like a cloth.

Toll Free Number: 1-800-846-8887 Website: www.scotch-brite.com Environmental/ Energy Advantage:

Made of cellulose, which is derived from wood pulp, a renewable resource. Machine washable and reusable cloth lasts up to 10 washes. Outlasts up to 10 rolls of paper towels.



#### Scotch-Brite® Soap Scum Eraser

The Scotch-Brite® Soap Scum Eraser works on all your bathroom surfaces removing soap scum easily.

Toll Free Number: 1-800-846-8887 Website: www.scotch-brite.com Environmental/ Energy Advantage:

Removes stains, soap scum & hard water spots without chemicals. No need for sprays or cleaners - just

add water.



#### Scotch-Brite® Stay Clean Non-Scratch Scrub Sponge

Toll Free Number: 1-800-846-8887 Website: www.scotch-brite.com Environmental/ Energy Advantage:

Sponge is made of cellulose, which is derived from wood pulp, a renewable resource. Refresh and reuse the sponge by sanitizing in your dishwasher.

#### Scotch-Brite® Stay Clean Scrubbing Dish Cloth

Toll Free Number: 1-800-846-8887 Website: www.scotch-brite.com Environmental/ Energy Advantage:

Sponge is made of cellulose, which is derived from wood pulp, a renewable resource. Refresh and reuse by sanitizing in your dishwasher.

## Home & Office

#### Scotch-Brite® Streak-Free Mirror Cloth

Microfiber glass cleaning cloth. Great for glass, mirrors and chrome.

Toll Free Number: 1-800-846-8887 Website: www.scotch-brite.com Environmental/ Energy Advantage:

Cleans most surfaces without chemical cleaners. Washable and reusable.



#### Scotch-Brite® Tub Soap Scum Eraser

The Scotch-Brite® Tub Soap Scum Eraser conforms to the curves of your tub!

Toll Free Number: 1-800-846-8887

Website: www.scotch-brite.com

Environmental/ Energy Advantage:
Removes stubborn stains without chemicals.



## Scotch-Brite™ Greener Clean Non-Scratch Dishwand

New and Improved! Keeps hands out of the mess!

Toll Free Number: 1-800-846-8887 Website: www.scotch-brite.com Environmental/ Energy Advantage: 50% of scrubbing fibers plant based.

#### Scotch-Brite™ Lint Roller

The only lint roller made with Scotch<sup>TM</sup> brand adhesive.

**Toll Free Number:** 1-800-846-8887 Website: www.scotch-brite.com **Environmental/Energy Advantage:** 

Recyclable handle. The ONLY coreless lint roller.



### Scotch-Brite™ Microfiber Dusting Cloth

Microfiber lifts & traps dust...removes fingerprints!

**Toll Free Number:** 1-800-846-8887 Website: www.scotch-brite.com **Environmental/Energy Advantage:** 

Effectively lifts and traps dust and fingerprints with or without sprays or polishes. Machine washable

and reusable cloth lasts more than 100 washes.



## Scotch-Brite™ Microfiber Hardwood Floor Mop

The Scotch-Brite™ Microfiber Hardwood Floor Mop lifts and traps dust.

**Toll Free Number:** 1-800-846-8887 Website: www.scotch-brite.com **Environmental/Energy Advantage:** 

Machine washable and reusable cloth lasts more than 100 washes.



#### Home & Office

#### Scotch-Brite<sup>™</sup> Shower Soap Scum Eraser

Ideal for cleaning baths and showers.

Toll Free Number: 1-800-846-8887

Website: www.scotch-brite.com

Environmental/ Energy Advantage:
Removes stubborn stains without chemicals.



#### Scotchgard<sup>™</sup> Auto Fabric & Carpet Foaming Cleaner

Deep Foaming Action Removes Tough Stains. Specially formulated for cleaning automotive fabrics, carpet and floor mats. Penetrates into carpet and upholstery fibers, breaking up dirt and lifting out stains. Helps restore look of fabric, carpet and floor mats. Leaves behind genuine Scotchgard<sup>TM</sup> Protector to prevent future resoiling.

Toll Free Number: 800-367-7683
Website: www.scotchgard.com
Environmental/ Energy Advantage:

Scotchgard<sup>TM</sup> Auto Fabric & Carpet Foaming Cleaner is a water based formula. NO CFCs. Contains no chemicals known to deplete the ozone layer. Phosphate Free. Recyclable can must be emtpy of contents. Contact your local recycling authority.



## Scotchgard™ Auto Oxy Carpet & Fabric Spot & Stain Remover

Cleans and Protects In One Easy Step. Unique 2 - in - 1 cleaner with genuine Scotchgard<sup>TM</sup> Protector eliminates tough stains and prevents resoiling. Eliminates odors. Ideal for tough stains such as: coffee, food grease, lipstick, juice, dirt, pet urine, motor oil, mud, vomit, ketcup and ink.

Toll Free Number: 800-367-7683
Website: www.scotchgard.com
Environmental/ Energy Advantage:

Scotchgard<sup>TM</sup> Auto Oxy Carpet & Fabric Spot & Stain Remover is a water based formula. Bottle contains 25% postconsumer recycled content and is recyclable when empty. Phosphate Free.



### Scotchgard™ Carpet & Rug Cleaner

Deep Foaming Action Removes Tough Stains. Great for high traffic areas or full-room cleaning. Leaves behind Scotchgard<sup>TM</sup> Protector anti-soiling agents to protect against future resoiling.

Toll Free Number: 800-367-7683
Website: www.scotchgard.com
Environmental/ Energy Advantage:

Scotchgard<sup>TM</sup> Carpet & Rug Cleaner is a water based formula. NO CFCs. Contains no chemicals known to deplete the ozone layer. Phosphate Free. Recyclable can must be empty of contents. Contact your local recycling authority.



## Scotchgard™ Carpet & Rug Protector

Triple Protection Formula-Repels Spills, Blocks Stains and Resists Soiling.

Toll Free Number: 800-367-7683
Website: www.scotchgard.com
Environmental/ Energy Advantage:

Scotchgard<sup>TM</sup> Carpet & Rug Protector is a water based formula. NO CFCs. Contains no chemicals known to deplete the ozone layer. Phosphate Free. Recyclable can must be empty of contents. Contact your local recycling authority.



### Scotchgard™ Durable Water Repellent

Water Repellent for Outerwear and Apparel. Dryer Cured Technology provides excellent water repellancy. For all types of synthetic fabrics including GORE-TEX® and soft-shells garments. Restores fabrics ability to repel water. Helps keep you dry longer. Odorless when dry.

Toll Free Number: 800-367-7683
Website: www.scotchgard.com
Environmental/ Energy Advantage:

 $Scotchgard^{TM}\ Durable\ Water\ Repellent\ is\ a\ water\ based\ formula.\ Bottle\ is\ recyclable\ when\ empty.$  Phosphate Free.



#### Scotchgard<sup>™</sup> Fabric & Upholstry Cleaner

Deep Foaming Action - Perfect for the toughest stains. Leaves behind Scotchgard<sup>TM</sup> Protector anti-soiling agents to protect against future resoiling. Restores the look of household fabrics and upholstery as well as casual apparel. Ideal for large surfaces.

Toll Free Number: 800-367-7683
Website: www.scotchgard.com
Environmental/ Energy Advantage:

Scotchgard<sup>TM</sup> Fabric & Upholstry Cleaner is a water based formula. NO CFCs. Contains no chemicals known to deplete the ozone layer. Phosphate Free. Recyclable can must be empty of contents. Contact your local recycling authority.



### Scotchgard™ Oxy Carpet & Fabric Spot & Stain Remover

Cleans and Protects In One Easy Step. Unique 2 - in - 1 cleaner with genuine Scotchgard<sup>TM</sup> Protector eliminates tough stains and prevents resoiling. Eliminates odors. Ideal for tough stains such as: red wine, food grease, lipstick, juice, coffee, ketcup, mud and dirt, pet urine, vomit and ink.

Toll Free Number: 800-367-7683
Website: www.scotchgard.com
Environmental/ Energy Advantage:

Scotchgard<sup>TM</sup> Oxy Carpet & Fabric Spot & Stain Remover is a water based formula. Bottle contains 25% postconsumer recycled content and is recyclable when empty. Phosphate Free.



### Scotchgard™ Pet Carpet & Fabric Spot & Stain Remover

Cleans and Protects In One Easy Step. Unique 2 - in - 1 cleaner with genuine Scotchgard<sup>TM</sup> Protector eliminates tough pet stains and prevents resoiling. Eliminates pet odors. Ideal for tough pet stains such as pet urine, pet feces, pet vomit, mud and dirt.

Toll Free Number: 800-367-7683
Website: www.scotchgard.com
Environmental/ Energy Advantage:

Scotchgard™ Pet Oxy Carpet & Fabric Spot & Stain Remover is a water based formula. Bottle contains 25% postconsumer recycled content and is recyclable when empty. Phosphate Free.



## Scotchgard™ Suede & Nubuck Protector

Suede & Nubuck Protector is a 2 - in - 1 Water and Oil Repellent. Helps minimize salt stains. For use on all types and colors of Suede & Nubuck leather items. Repels rain, snow and moisture. Will not change the feel of leather. Fragrance free.

Toll Free Number: 800-367-7683
Website: www.scotchgard.com
Environmental/ Energy Advantage:

NO CFCs. Contains no chemicals known to deplete the ozone layer. Phosphate Free. Recyclable can must be empty of contents. Contact your local recycling authority.



### Scotchgard™ Tile & Grout Multi-Surface Sealer

One Coat Application Seals and Protects. Specially designed for natural stone surfaces, porous tile, concrete and grout. Ultimate protection against stains. Does not change the appearance of stone or tile. 20-year satisfaction guarantee.

Toll Free Number: 800-367-7683
Website: www.scotchgard.com
Environmental/ Energy Advantage:

Scotchgard<sup>TM</sup> Tile & Grout Multi-Surface Sealer is a water based formula. Bottle contains 25% postconsumer recycled content and is recyclable when empty. Phosphate Free.



#### **Desk Solutions**

### 3M<sup>™</sup> Adjustable Keyboard Trays

 $3M^{\text{\tiny{TM}}} \ Adjustable \ Keyboard \ trays \ come \ in \ a \ wide \ variety \ of \ designs \ and \ features \ to \ suit \ your \ working \ style \ as \ well \ as \ your \ workspace.$ 

**Toll Free Number:** 1-800-332-7483 **Website:** www.3M.com/myworkspace

**LEED® Claim:** 

Use of this product helps contribute to LEED® Green Building Certification EB O&M Credit 2.2 Sustainable Purchasing: Durable Goods because 3M<sup>TM</sup>Adjustable Keyboard Trays contain a minimum of 20% recycled content, exceeding the recycled content required in Credit 2.2.

**Environmental/Energy Advantage:** 

This product line is made from 25% or 70% recycled content.



### 3M™ Adjustable Under-desk CPU Mount - CS200MB

Mount the CPU to the underside of your work surface to keep it off the floor. Sturdy steel construction and 360-degree swivel provide easy access to the back of the CPU. Great for mobile or rolling workstations. 50% recycled content.

Toll Free Number: 1-800-332-7483
Website: www.3M.com/myworkspace
Environmental/ Energy Advantage:
Product contains 50% recycled content.



#### 3M™ Gel Wrist Rests

Soothing gel comfort with leatherette covering encourages neutral wrist posture. Antimicrobial product protection inhibits the growth of micro-organisms, such as bacteria, on the product surface, that can cause stains, odors and product degradation. Contains 25% recycled content.

Toll Free Number: 1-800-332-7483 Website: www.3M.com/myworkspace Environmental/ Energy Advantage:

3M<sup>TM</sup> Gel Wrist Rests WR315LE, WR314LE, WR310LE, WR309LE, WR340LE, MW310LE, and MW309LE each contain 25% recycled content.



#### 3M™ In-Line Document Holder - DH640

Keep document holder between the monitor and keyboard to help reduce head, neck and eye movement. 18" wide by 11" high, transparent backplate supports wide and heavy documents. Versatile angle and height adjustment for easy viewing. Skid-free base. 300 sheet capacity. DH640 contains 40% recycled content.

Toll Free Number: 1-800-332-7483
Website: www.3M.com/myworkspace
Environmental/ Energy Advantage:
Contains 40% recycled content.



#### 3M™ Tilt-Adjust Gel Wrist Rest Platforms

Sleek platforms work as beautifully as they look. Tilt feature helps keep your wrists properly aligned and improves ergonomic posture. Includes soft gel wrist rests and 3M<sup>TM</sup> Precise<sup>TM</sup> Optical Mousing Surface. Leatherette surfaces on wrist rests are comfortable and easy to keep clean. Gel-filled wristrests with antimicrobial product protection inhibit the growth of microorganisms, such as bacteria, on the product surface, that can cause stains, odors and product degradation.

Toll Free Number: 1-800-332-7483

Website: www.3M.com/myworkspace

Environmental/ Energy Advantage:

These platforms contain 15% recycled content.



#### Post-it® Greener Notes - Canary Yellow

Post-it® Notes are perfect for capturing messages, telephone numbers, to-do items and reminders to others and yourself. Made from 100% recycled paper (30% postconsumer) in Canary Yellow.

**Toll Free Number:** 1-800-395-1223

Website: www.Post-it.com

**LEED® Claim:** 

Use of this product helps contribute to LEED® Green Building Certification EB O&M MR Credit 1 Sustainable Purchasing: Ongoing Consumables because Post-it® Greener Notes - Canary Yellow - contain a minimum of 30% postconsumer recycled content.

#### **Environmental/Energy Advantage:**

This product is made with 100% recycled paper and contains a minimum of 30% postconsumer recycled content. The adhesive is 67% plant-based material by weight. All Post-it® Notes are recyclable. Please recycle.



#### Post-it® Greener Notes - Sunwashed Pier Colors

Post-it® Notes are perfect for capturing messages, telephone numbers, to-do items and reminders for yourself and others. Made from 100% recycled paper (30% postconsumer) in an assortment of pastel colors.

**Toll Free Number:** 1-800-395-1223

Website: www.Post-it.com

**LEED® Claim:** 

Use of this product helps contribute to LEED® Green Building Certification EB O&M MR Credit 1 Sustainable Purchasing: Ongoing Consumables because Post-it® Greener Notes - Sunwashed Pier Colors - contain a minimum of 30% postconsumer recycled content.

#### **Environmental/Energy Advantage:**

This product is made with 100% recycled paper and contains a minimum of 30% postconsumer recycled content. The adhesive is 67% plant-based material by weight. All Post-it® Notes are recyclable. Please recycle.



#### Post-it® Greener Page Markers 671-4RP-A, 1 in x 3 in

Find what matters Fast! Post-it® Greener Page Markers are perfect to help indicate important information to save time. Use them to mark pages in books, find articles in magazines or color-code personal papers. They'll stay securely in place, yet still remove easily without damaging the page, and are available in assorted pastel colors. Made from 100% recycled paper (30% postconsumer) and the adhesive is 67% plant-based material by weight.

#### LEED® Claim

Use of this product helps contribute to LEED® Green Building Certification EB O&M MR Credit 1 Sustainable Purchasing: Ongoing Consumables because Post-it® Greener Page Markers contain a minimum of 30% postconsumer recycled content.

#### Environmental/ Energy Advantage:

This product is made with 100% reycled paper and contains a minimum of 30% postconsumer recycled content. The adhesive is 67% plant-based material by weight. All Post-it® Notes are recyclable. Please recycle.



#### Post-it® Rotary Organizer C91

Convenience reaches a new level with this clutter-reducing organizer. It dispenses Post-it® Notes, Post-it® Flags and Scotch® Tape, keeping office essentials within easy reach.

Toll Free Number: 800-332-7483
Website: www.3M.com/myworkspace
Environmental/ Energy Advantage:
This product contains 15% recycled content.



### Post-it® Super Sticky Recycled Notes - Farmers Market Colors

Post-it® Super Sticky Notes stick practically anywhere! Revolutionary adhesive technology ensures your notes will stick securely, yet remove cleanly. Now you can stick your notes where they will really get noticed...like monitors, doors and walls! Made from recycled paper (30% postconsumer) in Farmers Market Colors.

**Toll Free Number:** 1-800-395-1223

Website: www.Post-it.com

**LEED® Claim:** 

Use of this product helps contribute to LEED® Green Building Certification EB O&M MR Credit 1 Sustainable Purchasing: Ongoing Consumables because Post-it® Super Sticky Notes - Farmers Market Colors - contain a minimum of 30% postconsumer recycled content.

#### **Environmental/Energy Advantage:**

This product is made with a minimum of 30% postconsumer recycled content. Product is Sustainable Forestry Initiative (SFI) Chain of Custody Cerified. The adhesive is 67% plant-based material by weight. All Post-it® Notes are recyclable. Please recycle.





#### Post-it® Super Sticky Recycled Notes - Tropic Breeze Colors

Post-it® Super Sticky Notes stick practically anywhere! Revolutionary adhesive technology ensures your notes will stick securely, yet remove cleanly. Now you can stick your notes where they will really get noticed...like monitors, doors and walls! Made from recycled paper (30% postconsumer) in Tropic Breeze Colors.

**Toll Free Number:** 1-800-395-1223

Website: www.Post-it.com

**LEED® Claim:** 

Use of this product helps contribute to LEED® Green Building Certification EB O&M MR Credit 1 Sustainable Purchasing: Ongoing Consumables because Post-it® Super Sticky Notes - Tropic Breeze Colors - contain a minimum of 30% postconsumer recycled content.

#### **Environmental/Energy Advantage:**

This product is made with a minimum of 30% postconsumer recycled content. Product is Sustainable Forestry Initiative (SFI) Chain of Custody Certified. The adhesive is 67% plant-based material by weight. All Post-it® Notes are recyclable. Please recycle.





#### **Packaging Products**

### Scotch™ Big Bubble Plastic Mailer, BB8914-48, 8.5 in x 11 in.

Scotch<sup>TM</sup> Big Bubble Plastic Mailers are super strong and moisture resistant. Self-Sealing. Extremely lightweight cushioned protection. Nearly impossible to rip, tear or puncture. Better and cheaper than a box.

**Toll Free Number:** 1-800-328-6276 **Website:** www.ScotchBrand.com



### Scotch™ Big Bubble Plastic Mailer, BB8915-48, 10.5 in x 15 in

Scotch<sup>TM</sup> Big Bubble Plastic Mailers are super strong and moisture resistant. Self-Sealing. Extremely lightweight cushioned protection. Nearly impossible to rip, tear or puncture. Lighter than a box and saves on shipping costs

**Toll Free Number:** 1-800-328-6276 **Website:** www.ScotchBrand.com



## Home & Office

## Scotch™ Cushion Wrap, 7920, 12 in x 10 ft

Scotch<sup>TM</sup> Cushion Wrap is ideal cushion protection for valuable and delicate items during mailing, shipping and storage. Nylon barrier adds strength and helps retain the air. Lightweight, neat, clean and non-scratching.

**Toll Free Number:** 1-800-328-6276 **Website:** www.ScotchBrand.com



### Scotch™ Cushion Wrap, 7922, 16 in x 9 ft.

Scotch<sup>TM</sup> Cushion Wrap is ideal cushion protection for valuable and delicate items during mailing, shipping and storage. Nylon barrier adds strength and helps retain the air. Lightweight, neat, clean and non-scratching.

**Toll Free Number:** 1-800-328-6276 **Website:** www. ScotchBrand.com



## Scotch™ Cushion Wrap, 7924, 16 in x 15 ft

Scotch<sup>TM</sup> Cushion Wrap is ideal cushion protection for valuable and delicate items during mailing, shipping and storage. Nylon barrier adds strength and helps retain the air. Lightweight, neat, clean and non-scratching.

**Toll Free Number:** 1-800-328-6276 **Website:** www.ScotchBrand.com



## Scotch™ Cushion Wrap, 7929, 12 in x 30 ft.

Scotch<sup>TM</sup> Cushion Wrap is ideal cushion protection for valuable and delicate items during mailing, shipping and storage. Nylon barrier adds strength and helps retain the air. Lightweight, neat, clean and non-scratching.



### Scotch™ Cushion Wrap, 7960, 12 in x 60 ft.

Scotch<sup>TM</sup> Cushion Wrap is ideal cushion protection for valuable and delicate items during mailing, shipping and storage. Nylon barrier adds strength and helps retain the air. Lightweight, neat, clean and non-scratching.

**Toll Free Number:** 1-800-328-6276 **Website:** www.ScotchBrand.com



### Scotch™ Flexible Poly Mailer 3-Pack, 8990-3, 14.5 in x 19 in.

Scotch<sup>TM</sup> Flexible Poly Mailers are a Poly Mailer, moisture resistant. Self-Sealing. Extremely lightweight and recyclable. Great for shipping clothing, shoes and more.

**Toll Free Number:** 1-800-328-6272 **Website:** www.ScotchBrand.com



## Home & Office

#### Scotch™ Plastic Bubble Mailer, 8913, 6 in x 9 in

Scotch<sup>TM</sup> Plastic Bubble Mailers are super strong and moisture resistant. Self-Sealing. Extremely lightweight cushioned protection. Nearly impossible to rip, tear or puncture.

**Toll Free Number:** 1-800-328-6276 **Website:** www.ScotchBrand.com



### Scotch™ Plastic Mailer, 8914, 8.5 in x 11 in

Scotch<sup>TM</sup> Plastic Mailer is super strong and moisture resistant. Self-Sealing. Extremely lightweight cushioned protection. Nearly impossible to rip, tear or puncture.

**Toll Free Number:** 1-800-328-6276 **Website:** www.ScotchBrand.com



## Scotch™ Plastice Mailer, 8915, 10.5 in x 15 in

Scotch<sup>TM</sup> Plastice Mailers are super strong and moisture resistant. Self-Sealing. Extremely lightweight cushioned protection. Nearly impossible to rip, tear or puncture.

**Toll Free Number:** 1-800-328-6276 **Website:** www. ScotchBrand.com

#### **Presentation Products**

#### 3M™ Dry Erase Boards

3M<sup>TM</sup> Dry Erase Boards with melamine surfaces are built to last and are available in Aluminum, Graphite-, Mahogany- and Light Cherry-finish frame styles. Convenient tray easily snaps into place. Simple mounting system for easy installation, and tool-free mounting of boards 4' x 3' or smaller using Command<sup>TM</sup> Picture Hanging Strips.

**Toll Free Number:** 1-800-395-1223 **Website:** www.3M.com/myworkspace

**LEED® Claim:** 

Use of this product helps contribute to LEED® Green Building Certification EB O&M Credit 2.2 Sustainable Purchasing: Durable Goods because 3M™ Dry Erase Boards with melamine surfaces contain 25% recycled content, exceeding the recycled content required in Credit 2.2.

#### **Environmental/Energy Advantage:**

Boards contain a minimum of 25% recycled content.



### 3M™ Porcelain Dry Erase Boards

Durable porcelain, magnetic dry erase boards erase quickly and easily without ghosting. Available in Aluminum and Mahogany-finish Widescreen or Elegant frame styles. Simple mounting system for easy installation, and tool-free mounting of boards 4' x 3' or smaller using Command<sup>TM</sup> Picture Hanging Strips.

Toll Free Number: 1-800-395-1223
Website: www.3M.com/myworkspace
Environmental/ Energy Advantage:

Boards contain a minimum of 15% recycled content.



### Post-it® Easel Pads with recycled paper

Perfect for brainstorming, problem solving and presentations. Bleed-through resistant sheets pull off easily, stick securely to a variety of surfaces and remove cleanly. Sheets are made from a minimum of 30% postconsumer content. The paper is SFI Chain of Custody Certified, and comes from forests that are well-managed and trees that are regrown.

**Toll Free Number:** 1-800-328-6276 **Website:** www.Post-it.com/Easel

**LEED® Claim:** 

Use of this product helps contribute to LEED® Green Building Certification EB O&M MR Credit 1 Sustainable Purchasing: Ongoing Consumables because Post-it® Easel Pads with recycled content contain a minimum of 30% postconsumer recycled content.

#### **Environmental/Energy Advantage:**

The sheets are made with a minimum of 30% postconsumer recycled content. This product is recyclable, as are all Post-it® Easel Pads. Product is Sustainable Forestry Initiative (SFI) Chain of Custody Certified.





#### Tapes & Glues

#### Scotch® Clear Glue with 2-way Applicator

Whether you want to cover a large area with the sponge tip, or apply the slightest dab with the precision tip, this product produces expert results. Scotch® Clear Glue with 2-way Applicator is ideal for your paper and photo attachment needs. This permanent glue dries clear and is non-toxic as defined in the Federal Hazardous Substances Act.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Clear Glue with 2-way Applicator is a water-based adhesive.



#### Scotch® Commercial Packaging Tape, 3750, Tan and Clear

Scotch® Commercial Packaging Tape is designed for Commercial Performance. This tape combines a strong hot melt adhesive and a strong backing to provide instant adhesion that seals out moisture, dust and dirt. Resists splitting and assures reliable closures.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Commercial Packaging Tape is made with a solvent-free adhesive.



### Scotch® Craft Stick - Acid Free, 003

Scotch® Craft Stick is acid free and ideal for use in memory books, photos, paper, fabric and more. This glue stick is non-toxic as defined in the Federal Hazardous Substances Act.

Toll Free Number: 1800-328-6276
Website: www.ScotchBrand.com
Environmental/ Energy Advantage:

Scotch® Craft Stick is made with a water-based adhesive.



#### Scotch® Desktop Dispenser C-38 Black

This black Scotch® Desktop Dispenser is weighted which allows for easy one handed tape dispensing.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

This weighted desktop dispenser is made from 100% recycled plastic.



# Scotch® Heavy Duty Packaging Tape, 142, 143

Scotch® Heavy Duty Packaging Tape is super strong for your heaviest packages. The dispenser ensures the tape will not fall back on the roll and the tape is easy to unwind. It is ideal for shipping and package sealing and it meets U.S. postal regulations for standard packages.

Toll Free Number: 1-800-328-6276
Website: www.ScotchBrand.com
Environmental/ Energy Advantage:

Scotch® Heavy Duty Packaging Tape is made with a solvent-free adhesive.



## Scotch® Heavy Duty Packaging Tape, 3850, 3850-18CP

Scotch® Heavy Duty Packaging Tape is super strong for your heaviest packages. This tape is clear, meets U.S. Postal regulations for standard packages and resists splitting & tearing.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Heavy Duty Packaging Tape is manufactured with a solvent-free adhesive. When sold as a cabinet pack, Scotch® Heavy Duty Packaging Tape is packaged in a recyclable carton made from 100% recycled paper containing a minimum of 35% post-consumer waste.



## Scotch® Magic™ Greener Tape with Dispenser, 123

Scotch® Magic<sup>TM</sup> Greener Tape with Dispenser has the same great performance as the original matte-finish, invisible tape. Write on it with pen, pencil or marker.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

By weight, Scotch® Transparent Greener Tape with Dispenser, contains over 75% recycled or plant-based materials. The dispenser and core are made of 100% recycled plastic. The tape is made from over 53% plant-based materials.



## Scotch® Magic™ Greener Tape, 812

Scotch® Magic<sup>TM</sup> Greener Tape is a more environmentally friendly version of the original, matte-finish invisible tape, with the same great performance. Write on it with pen, pencil or marker.

**Toll Free Number:** 1-800-328-6276

Website: www.ScotchBrand.com/Sustainability

#### **Environmental/Energy Advantage:**

By weight, Scotch® Magic $^{TM}$  Greener Tape is made from over 65% recycled or plant-based materials. The tape core is made of 100% recycled plastic. Packaging is made from 100% recycled paper and cardboard. The tape is made from over 53% plant-based materials.



## Scotch® Magic™ Tape, 810, 810K18CP

Scotch® Magic<sup>TM</sup> Tape is the original matte-finish, invisible tape. It's the preferred tape for offices, home offices and schools. Write on it with pen, pencil or marker.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Magic $^{TM}$  Tape is made with a water-based adhesive. When sold in a cabinet pack, less packaging materials are used and less waste is generated.



#### Scotch® Mailing Tape with Dispenser, 147

Scotch® Mailing Tape is a strong, moisture resistant tan mailing tape which is sold with an easy to use dispenser. This tape meets U.S. Postal regulations for standard packages.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Mailing Tape is made with a solvent-free adhesive.



### Scotch® MultiTask Tape, 25

Scotch® MultiTask Tape combines crystal clarity, strength, and moisture resistance for performance over a wide range of taping tasks. It is an excellent multi-purpose tape for home and work.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® MultiTask Tape is made with a water-based adhesive.



## Scotch® Permanent Adhesive Glue Stick, 6008

Scotch® Permanent Adhesive Glue Stick is a neat and easy-to-use solid adhesive that is great for use on paper, cardboard, photos and fabric. It dries clear, is washable and non-toxic as defined as defined in the Federal Hazardous Substances Act.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Permanent Adhesive Glue Stick is made with a water-based adhesive.



## Home & Office

## Scotch® Purple Glue Stick, 6108

A clean, easy-to-use permanent adhesive, Scotch® Purple Glue Stick, sticks to paper, cardboard and fabric. This easy to see purple adhesive dries clear and is non-toxic as defined in the Federal Hazardous Substances Act.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

This product is made with a water-based adhesive.



### Scotch® Quick Dry Adhesive, 020

Scotch® Quick-Dry Adhesive is effective on a variey of materials. This quick-drying, permament adhesive securely attaches three-dimensional objects made of metal and plastic as well as papers. The fine tip dispsener allows for precision application. This glue is non-toxic as defined in the Federal Hazardous Substances Act.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Quick-Dry Adhesive is a water-based adhesive.

## Scotch® Quick-Drying Tacky Glue, 6052

Scotch® Quick-Drying Tacky Glue is great for home and office projects. It is a permanent adhesive that dries quickly. The fine tip allows you to precisely apply the glue. This glue is non-toxic as defined in the Federal Hazardous Substances Act.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Quick-Drying Tacky Glue is a water-based adhesive.



#### Scotch® Refillable Adhesive Dot Roller

Scotch® refillable Adhesive Dot Roller is ideal for making charts, presentations, and other home, office, and school projects. The dot adhesive applies precisely and smoothly, to the end of the roll and refilling is fast, easy and requires no threading!

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

The dispenser for the Scotch® refillable Adhesive Dot Roller is refillable and is made from 65% recycled material.



## Scotch® Removable Clear Mounting Squares, 859

Scotch® Clear Mounting Squares are great for hanging cards, photos and other lightweight items on metal, glass, mirrors, wood, plastic and many other smooth surfaces. They are clear, neat and remove easily and cleanly.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Clear Mounting Squares are made with a solventless adhesive.



## Scotch® Removable Poster Tape, 109

This double sided removable tape is great for mounting posters, photos and other lightweight items. Scotch® Removable Poster Tape can be used on wood, tile, painted walls, concrete, glass metal and more.

Toll Free Number: 1-800-362-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Removable Poster Tape is made with a water-based adhesive.



## Home & Office

#### Scotch® Removable Tape, 811

Scotch® Removable Tape features a unique adhesive that holds paper securely, yet is easy to remove or reposition. It is great for layouts and temporary posting of papers, and you can write on it.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Removable Tape is made with a water-based adhesive.



#### Scotch® Restickable Adhesive Glue Stick, 6307

Scotch® Restickable Adhesive Glue Stick is a neat, easy-to-use and fast-drying solid adhesive stick. This acid-free and restickable fromulation allows you to adjust and move bonded items after application. Scotch® Restickable Adhesive Glue Stick is non-toxic as defined in the Federal Hazardous Substances Act.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Restickable Adhesive Glue Stick is made with a water-based adhesive



## Scotch® Restickable Dots, R105

Scotch® Restickable double-sided adhesive dots are great for lightweight mounting. These dots of clear, reusable and removable adhesive work well for mounting and securing photos, artwork or papers on walls, office cabinets, refrigerators and windows and will not stain walls like putties.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Restickable Dots are made with a solventless adhesive.



#### Scotch® Restickable Mini Tabs, R103

Scotch® Restickable double-sided adhesive mini tabs are great for lightweight mounting. These mini tabs of clear, reusable and removable adhesive work well for mounting and securing photos, artwork or papers on walls, office cabinets, refrigerators and windows and will not stain walls like putties.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Restickable Mini Tabs are made with a solventless adhesive.



## Scotch® Restickable Shapes, R100CS

Scotch® Restickable Shapes are perfect for hanging your photos, papers, and lightweight items. These shapes come in pink, blue, and orange versions. These washable restickable shapes remove cleanly and can be reused again and again.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Restickable Shapes are made with a solventless adhesive.



### Scotch® Restickable Sheets, R102

Scotch® Restickable double-sided adhesive sheets are great for lightweight mounting. These sheets of clear, reusable and removable adhesive work well for mounting and securing photos, artwork or papers on walls, office cabinets, refrigerators and windows and will not stain walls like putties.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Restickable Sheets are made with a solventless adhesive.



# Home & Office

#### Scotch® Restickable Strips, R101

Scotch® Restickable double-sided adhesive strips are great for lightweight mounting. These pre-cut strips of clear, reusable and removable adhesive work well for mounting and securing photos, artwork or papers on walls, office cabinets, refrigerators and windows and will not stain walls like putties.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Restickable Strips are made with a solventless adhesive.



#### Scotch® Restickable Tabs, R100, R104

Scotch® Restickable double-sided adhesive tabs are great for lightweight mounting. These pre-cut squares of clear, reusable and removable adhesive work well for mounting and securing photos, artwork or papers on walls, office cabinets, refrigerators and windows and will not stain walls like putties.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Restickable Tabs are made with a solventless adhesive.



## Scotch® Scrapbooker's Glue with 2-Way Applicator

Whether you want to cover a large area with the sponge tip, or apply the slightest dab withthe precision tip, this product produces expert results. Scotch® Scrapbooker's Glue with 2-Way Applicator is ideal for your paper and photo attachment needs. This permanent glue dries clear and is non-toxic as defined in the Federal Hazardous Substances Act.

Toll Free Number: 1-800-328-6276
Website: www.ScotcbBrand.com
Environmental/ Energy Advantage:

Scotch® Scrapbooker's Glue with 2-Way Applicator is a water-based ahesive.

### Scotch® Scrapbooking Tape, 001

This long lasting, acid-free tape permanently bonds most surfaces. Scotch® Scrapbooking Tape is perfect for mounting pictures, documents, and memorabilia. It is also great for crafts and decorating. Scotch® Scrapbooking Tape has been independently laboratory tested to be safe for use on both the front and back sides of photos.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Scrapbooking Tape is made with a water-based adhesive.



## Scotch® Tear-By-Hand Packaging Tape, 3841, 3842

Scotch® Tear-By-Hand Packaging Tape easily tears by hand without scissors or a dispenser. The super strong adhesive seals package securely and ensures that mailing labels adhere without peeling off. It is ideal for package sealing. This tape meets U.S. Postal regulations for standard packages.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Tear-By-Hand Packaging Tape is made with a solvent-free adhesive.



## Scotch® Transparent Greener Tape with Dispenser, 39

Scotch® Transparent Greener Tape with Dispenser has the same great performance as the classic, glossy-finish transparent tape. It is a great value for general purpose wrapping, sealing and mending. Scotch® Transparent Greener Tape is clear when applied.

Toll Free Number: 1-800-328-6276
Website: www.ScotchBrand.com
Environmental/ Energy Advantage:

By weight, Scotch® Transparent Greener Tape with Dispenser, contains over 75% recycled or plant-based materials. The dispenser and core are made of 100% recycled plastic. The tape is made from over 53% plant-based materials.

## Home & Office

## Scotch® Transparent Greener Tape, 612

Scotch® Transparent Greener Tape has the same great performance as the classic, glossy-finish transparent tape. It is great for general purpose wrapping, sealing and mending. It is clear when applied.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

By weight, Scotch® Transparent Greener Tape is made from over 65% recycled or plant-based materials. The tape core is made of 100% recycled plastic. Packaging is made from 100% recycled paper and cardboard. The tape is made from over 53% plant-based materials.



#### Scotch® Transparent Tape, 600

Scotch® Transparent Tape is the classic, glossy-finish tape. It is a great value for general-purpose wrapping, sealing and mending and is clear when applied.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Transparent Tape is made with a water-based adhesive.



#### Scotch® Wrinkle Free Glue Stick

This clear water-based formula eliminates clumping and wrinkling on most papers. Scotch® Wrinkle Free Glue Stick is a neat, easy-to-use solid adhesive that strongly bonds most papers and photos. It is non-toxic as defined in the Federal Hazardous Substances Act and washes cleanly out of most fabrics and off most household surfaces with, soap and water.

Toll Free Number: 1-800-328-6276 Website: www.ScotchBrand.com Environmental/ Energy Advantage:

Scotch® Wrinkle Free Glue Stick is made with a water-based adhesive.



#### 3M™ Aluminum Conductor Composite Reinforced

3M<sup>TM</sup> Aluminum Conductor Composite Reinforced (ACCR) is a high voltage, overhead transmission conductor consisting of high-temperature, hardened aluminum-zirconium outer wires stranded around a core of fiber-reinforced aluminum composite wires.

Toll Free Number: 1-800-245-3573 Website: www.3M.com/accr Environmental/ Energy Advantage:

Growing demand for power can place the needs of the environment in conflict with the needs of the consumer. Taller, more unsightly towers, the need to cut larger right-of-ways, and the need to use more renewable energy sources, which may be located in remote areas, are just a few of the environmental issues facing the transmission grid today. By using 3M<sup>TM</sup> Aluminum Conductor Composite Reinforced for line upgrades or new construction in sensitive areas, a utility may be able to minimize the environmental impact of a particular transmission line by using the existing rights-of-way and towers. Because of the reduced weight and sag of 3M's ACCR cable, the need to raise or rebuild towers is significantly reduced.

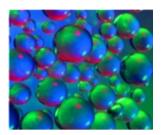


#### 3M™ Glass Bubbles

3M<sup>TM</sup> Glass Bubbles are microscopic hollow glass spheres used to enhance the performance and processibility of a wide variety of products. Because of their unique properties, 3M<sup>TM</sup> glass bubbles are finding increasing use in a number of oil and gas industry applications.

Toll Free Number: 800-367-8905 Website: www.3M.com/glassbubbles Environmental/ Energy Advantage:

As the search for oil and gas moves farther offshore, there is an increasing need for materials that can survive and perform in extreme subsea environments.  $3M^{TM}$  Glass Bubbles have proven their reliability in adverse conditions, for applications such as reducing weight and increasing uplift of buoyancy modules and for enhancing thermal insulation properties in risers and pipelines. In low density cementing applications, improved production, less remediation, reduced formation damage and better zonal isolation are just some of the advantages  $3M^{TM}$  glass bubbles offer over alternative solutions.



## 3M™ Nextel™ Ceramic Textiles and Composites

3M<sup>TM</sup> Nextel<sup>TM</sup> Ceramic Textiles and Composites provide innovative solutions in industries from aerospace to petroleum refining to metal processing. The outstanding thermal protection provided by Nextel<sup>TM</sup> Fabrics, Tapes and Sleevings allows engineers and manufacturers to handle high temperature applications up to 2500°F (1371°C).

**Toll Free Number:** 800-367-8905 **Website:** www.3M.com/ceramics

LEED® Claim:

Use of this product helps comply with LEED® NC v2.2, EB V2.0- EA Prerequisite 2: Minimum Energy Performance; and LEED® NC v2.2, EB V2.0- EA Credit 1: Optimize Energy Performance.

#### **Environmental/Energy Advantage:**

Among multiple uses,  $3M^{TM}$  Nextel<sup>TM</sup> Textiles are employed to seal tubes in refinery applications retaining their strength and flexibility even after prolonged exposure to temperatures in excess of 2200°F. They prevent the ingress of tramp air and save money by decreasing fuel consumption, reducing heat losses and controlling excess oxygen.



#### 3M<sup>™</sup> Round Conductor Flat Cable, HF365 Series

In applications where sensitive electronic equipment is located in enclosed spaces, smoke from an electrical fire can cause problems if the cable insulation is made with compounds that contain halogen. The insulation in 3M<sup>TM</sup> HF365 Series Round Conductor Polyolefin Flat Ribbon Cable is halogen free (no more than that which would be found as an acknowledged trace contaminate or background level). In the event of a fire, the halogen free insulation helps to prevent the spread of fire thereby helping to protect people and equipment.

- · Low Smoke Zero Halogen (LSZH) Insulation. Advantages of LSZH insulation are the low smoke (IEC 61034-2:2005), and low toxicity of combustion gases (NF X 70-100-2:2006), reducing the risk to firefighters, and reducing the soot and corrosion damage to nearby equipment
- · Broad operating temperature range from -40 Degrees C to 105 Degrees C
- · 28 AWG wire on .050 inch centers permits mass termination to broad line of IDC connectors
- · Zippable for branching or discrete terminations
- · See Regulatory Information Appendix link for chemical compliance information

For more information, refer to 3M Data Sheet TS2334 (TS-2334)

**Toll Free Number:** 800-225-5373 Website: www.3M.com/interconnects **Environmental/Energy Advantage:** 

Low Smoke Zero Halogen (LSZH) Insulation. Advantages of LSZH insulation are the low smoke (IEC 61034-2:2005), and low toxicity of combustion gases (NF X 70-100-2:2006), reducing the risk to firefighters, and reducing the soot and corrosion damage to nearby equipment. In addition, this product is compliant with the European Union's Directive 2002/95/EC, Restriction on the use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS).



## 3M™ Round, Jacketed, Flat Cable, HF759 Series

In applications where sensitive electronic equipment is located in enclosed spaces, smoke from an electrical fire can cause problems if the cable insulation is made with compounds that contain halogen. The insulation in 3M<sup>TM</sup> HF759 Series Round, Jacketed, Flat Cable is halogen free (no more than that which would be found as an acknowledged trace contaminate or background level). In the event of a fire, the halogen free insulation helps to prevent the spread of fire thereby helping to protect people and equipment.

- · Low Smoke Zero Halogen (LSZH) Insulation. Advantages of LSZH insulation are the low smoke (IEC 61034-2:2005), and low toxicity of combustion gases (NF X 70-100-2:2006), reducing the risk to firefighters, and reducing the soot and corrosion damage to nearby equipment
- · Broad operating temperature range from -40 Degrees C to 105 Degrees C
- · Round construction permits easier routing
- · 28 AWG wire on .050 inch centers permits mass termination to broad line of IDC connectors
- · Continuous split/bond repeat allows for mass termination of IDC connectors
- · Primary cable is zippable for branching or discrete terminations
- · See Regulatory Information Appendix link for chemical compliance information

For more information, refer to 3M Data Sheet TS2336 (TS-2336)

**Toll Free Number:** 800-225-5373 Website: www.3M.com/interconnects **Environmental/Energy Advantage:** 

Low Smoke Zero Halogen (LSZH) Insulation. Advantages of LSZH insulation are the low smoke (IEC 61034-2:2005), and low toxicity of combustion gases (NF X 70-100-2:2006), reducing the risk to firefighters, and reducing the soot and corrosion damage to nearby equipment. In addition, this product iscompliant with the European Union's Directive 2002/95/EC, Restriction on the use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS).



#### 3M™ Round, Shielded/Jacketed, Flat Cable, HF659 Series

In applications where sensitive electronic equipment is located in enclosed spaces, smoke from an electrical fire can cause problems if the cable insulation is made with compounds that contain halogen. The insulation in 3M<sup>TM</sup> HF659 Series Round, Shielded/Jacketed, Flat Cable is halogen free (no more than that which would be found as an acknowledged trace contaminate or background level). In the event of a fire, the halogen free insulation helps to prevent the spread of fire thereby helping to protect people and equipment.

- · Low Smoke Zero Halogen (LSZH) Insulation. Advantages of LSZH insulation are the low smoke (IEC 61034-2:2005), and low toxicity of combustion gases (NF X 70-100-2:2006), reducing the risk to firefighters, and reducing the soot and corrosion damage to nearby equipment
- · Broad operating temperature range from -40 Degrees C to 105 Degrees C
- · Round construction permits easier routing
- · 28 AWG wire on .050 inch centers permits mass termination to broad line of IDC connectors
- · Continuous split/bond repeat allows for mass termination of IDC connectors
- · Dual shielding provides 35 db average shielding
- · Primary cable is zippable for branching or discrete terminations
- · See Regulatory Information Appendix link for chemical compliance information

For more information, refer to 3M Data Sheet TS2335 (TS-2335)

Toll Free Number: 800-225-5373
Website: www.3M.com/interconnects
Environmental/ Energy Advantage:

Low Smoke Zero Halogen (LSZH) Insulation. Advantages of LSZH insulation are the low smoke (IEC 61034-2:2005), and low toxicity of combustion gases (NF X 70-100-2:2006), reducing the risk to firefighters, and reducing the soot and corrosion damage to nearby equipment. In addition, this product is compliant with the European Union's Directive 2002/95/EC, Restriction on the use of certain Hazardous Substances in Electricaland Electronic Equipment (RoHS).



### 3M<sup>™</sup> Scotchkote<sup>™</sup> Pipe Renewal Liner 2400

3M<sup>TM</sup> Scotchkote<sup>TM</sup> Pipe Renewal Liner 2400 is approved for contact with drinking water in 20 countries. This quick-cure polyurea lining makes it possible to rehabilitate aging potable water pipes with same-day-return to service providing cities with a cost-effective solution to extend their distribution network service life. The product may be installed as a thin, corrosion barrier lining or as a high-build structural enhancement lining thereby helping to reduce leaks and improve water quality.

Toll Free Number: +1 (888) 745-4350 Website: www.3M.com/water/renew Environmental/ Energy Advantage:

3M<sup>TM</sup> Scotchkote<sup>TM</sup> Pipe Renewal Liner 2400 utilizes a trenchless process to rehabilitate potable water infrastructure. Since the pipe rehabilitation process is done in situ, there can be significant cost savings and less impact on traffic at a lower installed carbon footprint when compared to digging up and replacing old pipes.



#### 3M™ Solar Acrylic Foam Tapes

The easy, no-mess application of  $3M^{TM}$  Solar Acrylic Foam Tapes allows for faster fabrication of a solar module.  $3M^{TM}$  Solar Acrylic Foam Tapes are commonly used to replace liquid adhesives and mechanical fasteners in permanent bonding and sealing applications. They offer long-term durability for harsh outdoor applications.

Toll Free Number: 1-800-755-2654 Website: www.3M.com/solar Environmental/ Energy Advantage:

These products are available in a wide range of configurations for CPV applications, junction box attachment, and frame bonding of photovoltaic modules. These products help control costs, speed assembly and potentially improve product reliability.



### 3M™ Thinsulate™ Insulation with recycled fibers

3M<sup>TM</sup> Thinsulate<sup>TM</sup> Insulation with recycled fibers is composed of unique microfibers that help keep you comfortably warm without the bulk of down. 3M's recycled thermal insulation is designed with 50% recycled polyester fibers for use in general outerwear, apparel, sportswear and accessories. Thinsulate insulation with recycled fibers is a positive step toward a more sustainable environment that uses fewer resources and discards less waste.

Website: www.thinsulate.com
Environmental/ Energy Advantage:

3M<sup>TM</sup> Thinsulate<sup>TM</sup> Insulation contains 50% recycled polyester fibers made from postconsumer waste.



#### **Architectural Finishes**

## 3M<sup>™</sup> Ceramic Microspheres White

3M<sup>TM</sup> Ceramic Microspheres are unique, semi-transparent, white colored, fine particle size, high-strength microspheres. These products are typically used to reduce VOC levels; increase filler loadings; improve hardness; and add burnish, scrub and abrasion resistance to a variety of coating formulations. Due to the ceramic chemistry of these products, they are also UV transparent down to 25 nm and have found utility in radiation curable and thin-film powder coatings.

Website: www.3M.com/paintsandcoatings

#### **Environmental/Energy Advantage:**

Compared to other fillers such as calcium carbonate and mica, 3M<sup>TM</sup> Ceramic Microspheres' lower viscosity improves material handlings and could result in lower energy usage when mixing. In solvent-based formulations, the increased filler loadings means less solvent is needed, resulting in reduced VOCs.



### **Coatings**

#### 3M™ Novec™ 1700 Electronic Grade Coating

3M<sup>TM</sup> Novec<sup>TM</sup> 1700 Electronic Grade Coating is designed for moisture and corrosion protection of printed circuit boards and electronic components. It is a clear, low viscosity, low surface tension solution of a 2 wt% fluorochemical acrylic polymer carried in a hydrofluoroether solvent. The coating dries to a thin, transparent film with excellent hydrophobic and oleophobic properties. It repels oils, water, silicones and photoresist solutions. The coating is easy to apply (dip, spray or syringe dispensing), air-dries in seconds, requires little or no masking and is removable and repairable.

Toll Free Number: 1-800-810-8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

The carrier solvent in 3M<sup>TM</sup> Novec<sup>TM</sup> 1700 Electronic Grade Coating is non-flammable, low in toxicity, exempt from the definition of a volatile organic compound (VOC), non-ozone depleting, has a low global warming potential, and is listed as "acceptable without restrictions" under the U.S. EPA's Significant New Alternatives Policy (SNAP) Program.



#### 3M<sup>™</sup> Novec<sup>™</sup> 1702 Electronic Grade Coating

3M<sup>TM</sup> Novec<sup>TM</sup> 1702 Electronic Grade Coating is designed for moisture and corrosion protection of printed circuit boards and electronic components. It is a clear, low viscosity, low surface tension solution of a 0.2 wt% fluorochemical acrylic polymer carried in a hydrofluoroether solvent. The coating dries to a thin, transparent film with excellent hydrophobic and oleophobic properties. It repels oils, water, silicones and photoresist solutions. The coating is easy to apply (dip, spray or syringe dispensing), air-dries in seconds, requires little or no masking and is removable and repairable.

Toll Free Number: 1-800-810-8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

The carrier solvent in 3M<sup>TM</sup> Novec<sup>TM</sup> 1702 Electronic Grade Coating is non-flammable, low in toxicity, exempt from the definition of a volatile organic compound (VOC), non-ozone depleting, has a low global warming potential, and is listed as "acceptable without restrictions" under the U.S. EPA's Significant New Alternatives Policy (SNAP) Program.



## 3M™ Novec™ 1710 Electronic Grade Coating

3M<sup>TM</sup> Novec<sup>TM</sup> 1710 Electronic Grade Coating is designed for moisture and corrosion protection of printed circuit boards and electronic components. Designed to be diluted before final application, it is a 10% solids concentrate used to replenish coating solids in 3M<sup>TM</sup> Novec <sup>TM</sup> 1700 Electronic Grade Coating application baths or as a component with other materials to create unique solutions. It is a clear, low viscosity, low surface tension solution of a fluorochemical acrylic polymer carried in a hydrofluoroether solvent. It has excellent hydrophobic and oleophobic properties. Novec 1710 coating does not need post-curing and is non-flammable, low in toxicity, low VOC, non-ozone depleting and RoHS compliant.

Website: www.3M.com/Novec
Environmental/ Energy Advantage:

The carrier solvent in  $3M^{\text{TM}}$  Novec<sup>TM</sup> 1710 Electronic Grade Coating is non-flammable, low in toxicity, exempt from the definition of a volatile organic compound (VOC), non-ozone depleting, has a low global warming potential, and is listed as "acceptable without restrictions" under the U.S. EPA's' Significant New Alternatives Policy (SNAP) Program.

## 3M™ Novec™ 1720 Electronic Grade Coating

3M<sup>TM</sup> Novec<sup>TM</sup> 1720 Electronic Grade Coating is designed for easy clean and anti-smudge capabilities on a variety of surfaces such as flat panel displays and mobile electronic device components. It is a clear, low viscosity, low surface tension solution of a 0.1 wt% fluorosilane polymer carried in a hydrofluoroether solvent. The coating dries to a thin, transparent, permanent film with excellent hydrophobic and oleophobic properties. It covalently bonds to glass and metal oxide layers and protects steel, aluminum, composites and a variety of other surfaces. The coating needs to be thermally post-cured.

Toll Free Number: 1-800-810-8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

The carrier solvent in  $3M^{TM}$  Novec<sup>TM</sup> 1720 Electronic Grade Coating is non-flammable, low in toxicity, exempt from the definition of a volatile organic compound (VOC), non-ozone depleting, has a low global warming potential, and is listed as "acceptable without restrictions" under the U.S. EPA's Significant New Alternatives Policy (SNAP) Program.

#### 3M™ Novec™ 2202 Electronic Grade Coating

3M<sup>TM</sup> Novec<sup>TM</sup> 2202 Electronic Grade Coating is designed for easy clean and anti-smudge capabilities on a variety of surfaces such as flat panel displays and mobile electronic device components. It is a clear, low viscosity, low surface tension solution of a 0.2 wt% fluorosilane polymer carried in a hydrofluoroether solvent. The coating dries to a thin, transparent, permanent film with excellent hydrophobic and oleophobic properties. It covalently bonds to glass and metal oxide layers and protects steel, aluminum, composites and a variety of other surfaces. The coating needs to be thermally post-cured.

#### **Environmental/Energy Advantage:**

The carrier solvent in 3M<sup>TM</sup> Novec<sup>TM</sup> 2202 Electronic Grade Coating is non-flammable, low in toxicity, exempt from the definition of a volatile organic compound (VOC), non-ozone depleting, has a low global warming potential, and is listed as "acceptable without restrictions" under the U.S. EPA's' Significant New Alternatives Policy (SNAP) Program.

## 3M™ Novec™ 27002 Electronic Grade Coating

3M<sup>TM</sup> Novec<sup>TM</sup> 27002 Electronic Grade Coating is designed for moisture and corrosion protection of printed circuit boards and electronic components. It is a 0.2% fluorinated polymer solution carried in a non-flammable, low VOC, hydrofluoroether solvent. The coating air -dries to a thin film with excellent hydrophobic and oleophobic properties. This no-cure needed formulation is easy to apply, remove and repair. Both the solution and polymer are low in toxicity, non-ozone depleting and RoHS compliant. The coating contains a yellow -orange dye that is designed to fluoresce under UV light to aid the inspection of the coating and quality control of the coating process.

Website: www.3M.com/Novec

#### **Environmental/Energy Advantage:**

The carrier solvent in  $3M^{\rm TM}$  Novec<sup>TM</sup> 27002 Electronic Grade Coating is non-flammable, low in toxicity, exempt from the definition of a volatile organic compound (VOC), non-ozone depleting, has a low global warming potential, and is listed as "acceptable without restrictions" under the U.S. EPA's' Significant New Alternatives Policy (SNAP) Program.

#### 3M<sup>™</sup> Novec<sup>™</sup> 2701 Electronic Grade Coating

3M<sup>TM</sup> Novec<sup>TM</sup> 2701 Electronic Grade Coating is designed for moisture and corrosion protection of printed circuit boards and electronic components. It is a 1% fluorinated polymer solution carried in a non-flammable, low VOC, hydrofluoroether solvent. The coating air -dries to a thin film with excellent hydrophobic and oleophobic properties. This no-cure needed formulation is easy to apply, remove and repair. Both the solution and polymer are low in toxicity, non-ozone depleting and RoHS compliant. The coating contains a yellow -orange dye that is designed to fluoresce under UV light to aid the inspection of the coating and quality control of the coating process.

Website: www.3M.com/Novec

#### **Environmental/Energy Advantage:**

The carrier solvent in  $3M^{\text{TM}}$  Novec<sup>TM</sup> 2701 Electronic Grade Coating is non-flammable, low in toxicity, exempt from the definition of a volatile organic compound (VOC), non-ozone depleting, has a low global warming potential, and is listed as "acceptable without restrictions" under the U.S. EPA's' Significant New Alternatives Policy (SNAP) Program.

## 3M™ Novec™ 2702 Electronic Grade Coating

3M<sup>TM</sup> Novec<sup>TM</sup> 2702 Electronic Grade Coating is designed for moisture and corrosion protection of printed circuit boards and electronic components. It is a clear, low viscosity, low surface tension solution of a 2 wt% fluorochemical polymer coating carried in a hydrofluoroether solvent. The coating dries to a thin, transparent, permanent film with excellent hydrophobic and oleophobic properties. It creates repellency to hydrocarbons, silicone oils, and synthetic fluids. The coating is easy to apply and needs to be thermally post -cured.

Toll Free Number: 1-800-810-8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

The carrier solvent in  $3M^{TM}$  Novec<sup>TM</sup> 2702 Electronic Grade Coating is non-flammable, low in toxicity, exempt from the definition of a volatile organic compound (VOC), non-ozone depleting, has a low global warming potential, and is listed as "acceptable without restrictions" under the U.S. EPA's Significant New Alternatives Policy (SNAP) Program.

## 3M™ Novec™ 2704 Electronic Grade Coating

3M<sup>TM</sup> Novec<sup>TM</sup> 2704 Electronic Grade Coating is designed for moisture and corrosion protection of printed circuit boards and electronic components. It is a 4% fluorinated polymer solution carried in a non-flammable, low VOC, hydrofluoroether solvent. The coating air -dries to a thin film with excellent hydrophobic and oleophobic properties. This no-cure needed formulation is easy to apply, remove and repair. Both the solution and polymer are low in toxicity, non-ozone depleting and RoHS compliant. The coating contains a yellow -orange dye that is designed to fluoresce under UV light to aid the inspection of the coating and quality control of the coating process.

Toll Free Number: 1-800-810-8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

The carrier solvent in  $3M^{\text{TM}}$  Novec<sup>TM</sup> 2704 Electronic Grade Coating is non-flammable, low in toxicity, exempt from the definition of a volatile organic compound (VOC), non-ozone depleting, has a low global warming potential, and is listed as "acceptable without restrictions" under the U.S. EPA's' Significant New Alternatives Policy (SNAP) Program.

### 3M™ Novec™ 2708 Electronic Grade Coating

3M<sup>TM</sup> Novec<sup>TM</sup> 2708 Electronic Grade Coating is designed for moisture and corrosion protection of printed circuit boards and electronic components. It is an 8% fluorinated polymer solution carried in a non-flammable, low VOC, hydrofluoroether solvent. The coating dries to a thin film with excellent hydrophobic and oleophobic properties. This no-cure needed formulation is easy to apply, remove and repair. Both the solution and polymer are low in toxicity, non-ozone depleting and RoHS compliant. The coating contains a yellow-orange dye that is designed to fluoresce under UV light to aid the inspection of the coating and quality control of the coating process.

Toll Free Number: 1-800-8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

The carrier solvent in 3M<sup>TM</sup> Novec<sup>TM</sup> 2708 Electronic Grade Coating is non-flammable, low in toxicity, exempt from the definition of a volatile organic compound (VOC), non-ozone depleting, has a low global warming potential, and is listed as "acceptable without restrictions" under the U.S. EPA's Significant New Alternatives Policy (SNAP) Program.

#### **Engineered Fluids**

#### 3M™ Novec™ 649 Engineered Fluid

3M<sup>TM</sup> Novec<sup>TM</sup> 649 Engineered Fluid is an advanced heat transfer fluid, balancing customer needs for physical, thermal and electrical properties, with favorable environmental properties.

Toll Free Number: 1-800 810 8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

3M<sup>TM</sup> Novec<sup>TM</sup> 649 Engineered Fluid is a low Global Warming Potential (GWP) heat transfer fluid engineered to meet the demands of increasingly restrictive global environmental regulations. Its dielectric properties make Novec<sup>TM</sup> 649 fluid useful for many heat transfer applications where hydrofluorocarbons or perfluorocarbons have previously been used, such as indirect and direct contact single and two-phase cooling of electronic components. Its inherent thermal stability and very low GWP makes it ideally suited for use as a working fluid in Organic Rankine Cycle (ORC) applications.



## 3M™ Novec™ 7100 Engineered Fluid

Its boiling point (61°C) and increased solvency make Novec™ 7100 fluid an ideal cleaning solvent in applications like vapor degreasing, wet cleaning and FOUP cleaning. Low surface tension helps it to penetrate into tight spaces found in delicate electronic equipment - providing a thorough and complete clean.

Toll Free Number: 1-800 810 8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

Novec<sup>TM</sup> 7100 fluid is non-flammable, non-ozone depleting, exempt from the U.S. EPA definition of a volatile organic compound (VOC) and is approved without restrictions under the US EPA's Significant New Alternatives Policy Program (SNAP). Additional characteristics of Novec<sup>TM</sup> 7100 fluid include low toxicity and low global warming potential. Novec<sup>TM</sup> 7100 is a sustainable replacement for PFCs and HFCs.



#### 3M<sup>™</sup> Novec<sup>™</sup> 71DA Engineered Fluid

Novec<sup>TM</sup> 71DA fluid is a true azeotrope, with constant vapor and liquid composition at its boiling point. Novec<sup>TM</sup> 71DA fluid is a hydrofluoroether in an azeotropic formulation with trans-1,2-dichloroethylene and ethanol. Its increased solvency and low surface tension, as well as nonflammability and constant composition during boiling, make it ideal for immersion defluxing and degreasing applications. In addition, the ethanol component of Novec<sup>TM</sup> 71DA fluid provides enhanced removal of ionic contaminants.

Toll Free Number: 1-800 810 8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

Novec<sup>TM</sup> 71DA fluid is non-flammable, non-ozone-depleting and has a low global warming potential.. It is low in toxicity and the components are listed as "acceptable without restrictions" under the U.S. EPA's Significant New Alternatives Policy Program (SNAP). The high solvency and low toxicity make this product an ideal replacement for ozone-depleting compounds, hydrofluorocarbons, chlorinated solvents, and n-propyl bromide in many applications.



## 3M™ Novec™ 71DE Engineered Fluid

A true azeotrope, Novec<sup>TM</sup> 71DE fluid has constant liquid and vapor composition at its boiling point. Novec<sup>TM</sup> 71DE fluid is an excellent cleaning, rinsing and drying agent. Its increased solvency, low surface tension, nonflammability and constant composition during boiling make it ideal for immersion and vapor degreasing, and for medium-duty cleaning of soils such as oils, greases and waxes.

Toll Free Number: 1-800 810 8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

Novec<sup>TM</sup> 71DE fluid is non-flammable, non-ozone-depleting and has a low global warming potential.. It is low in toxicity and the components are listed as "acceptable without restrictions" under the U.S. EPA's Significant New Alternatives Policy Program (SNAP). The high solvency and low toxicity make this product an ideal replacement for ozone-depleting compounds, hydrofluorocarbons, chlorinated solvents, and n-propyl bromide in many applications.



## 3M<sup>™</sup> Novec<sup>™</sup> 7200 Engineered Fluid

Its 76 deg C boiling point and excellent environmental, health and safety profile make Novec<sup>TM</sup> 7200 fluid useful in applications like heat transfer, cleaning, lubricant deposition and more, in a diverse range of industries.

Toll Free Number: 1-800 810 8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

Novec<sup>TM</sup> 7200 fluid is non-flammable, non-ozone depleting, exempt from the U.S. EPA and CARB definitions of a volatile organic compound (VOC) and is approved without restrictions under the US EPA's Significant New Alternatives Policy Program (SNAP). Novec<sup>TM</sup> 7200 is also listed as a clean air solvent (CAS) by the South Coast Air Quality Management District. Additional characteristics of Novec<sup>TM</sup> 7200 fluid include low toxicity and low global warming potential. Novec<sup>TM</sup> 7200 is a sustainable replacement for PFCs and HFCs.



## 3M™ Novec™ 72DA Engineered Fluid

3M<sup>TM</sup> Novec<sup>TM</sup> 72DA Engineered Fluid is a blend of azeotropes designed for medium to heavy-duty cleaning of solder flux residue,oils, greases and waxes, among others.

Toll Free Number: 1-800 810 8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

Novec<sup>TM</sup> 72DA fluid is non-flammable, non ozone-depleting and has a low global warming potential.. It is low in toxicity and the components are listed as "acceptable without restrictions" under the U.S. EPA's Significant New Alternatives Policy Program (SNAP). The high solvency and low toxicity make this product an ideal replacement for ozone-depleting compounds, hydrofluorocarbons, chlorinated solvents, and n-propyl bromide in many applications.



## 3M™ Novec™ 72DE Engineered Fluid

Novec<sup>TM</sup> 72DE fluid is an excellent cleaning agent. Its increased solvency, low surface tension, nonflammability and stability make it ideal for vapor degreasing applications. It is intended for medium to heavy-duty cleaning of soils such as oils, greases and waxes.

Toll Free Number: 1-800 810 8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

Novec<sup>TM</sup> 72DE fluid is non-flammable, non ozone-depleting and has a low global warming potential. It is low in toxicity and the components are listed as "acceptable without restrictions" under the U.S. EPA's Significant New Alternatives Policy Program (SNAP). The high solvency and low toxicity make this product an ideal replacement for ozone-depleting compounds, hydrofluorocarbons, chlorinated solvents, and n-propyl bromide in many applications.

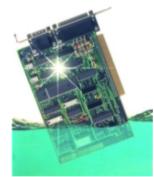


## 3M™ Novec™ 7300 Engineered Fluid

Novec<sup>TM</sup> 7300 fluid is a clear, colorless, odorless fluid that has utility in a wide variety of applications, including heat transfer, lubricant deposition, electronic testing and cleaning applications.

Toll Free Number: 1-800 810 8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

A nonflammable, segregated hydrofluoroether, Novec<sup>TM</sup> 7300 fluid is low in toxicity, non-ozone depleting, has low global warming potential, and is exempt from the U.S. EPA definition of a volatile organic compound (VOC).



#### 3M<sup>™</sup> Novec<sup>™</sup> 7500 Engineered Fluid

High performance Novec<sup>TM</sup> 7500 fluid shares many of the inertness and dielectric properties of perfluorinated fluids, and offers an excellent environmental profile. It is finding use in heat transfer and cleaning applications.

Toll Free Number: 1-800 810 8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

Because of its extremely low global warming potential (GWP) and wide liquid range (-100°C to 130°C), Novec<sup>TM</sup> 7500 fluid can help wafer fabs meet voluntary greenhouse gas emission reduction goals. Novec<sup>TM</sup> 7500 is also non-flammable, low in toxicity, non ozone-depleting and exempt from the U.S. EPA definition of a volatile organic compound (VOC).



#### 3M™ Novec™ 8200 Engineered Fluid

3M<sup>TM</sup> Novec<sup>TM</sup> 8200 Engineered Fluid is a clear, colorless, low-odor fluid intended to replace 1,1,1-trichloroethane and perchloroethylene in film cleaning applications.

Toll Free Number: 1-800 810 8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

This non-flammable fluid is low in toxicity, has zero ozone depletion potential, low global warming potential (GWP), is exempt from the U.S. EPA definition of a volatile organic compound(VOC); and is listed as a Clean Air Solvent (CAS) by California's South Coast Air Quality Management District.



#### 3M™ Novec™ Contact Cleaner

Ideal for use on energized components, Novec<sup>TM</sup> Contact Cleaner is plastic compatible and can be used for removal of fluorinated oils and greases, light oils and silicones, dust and particulates from sensitive electrical and electronic equipment.

Toll Free Number: 1-800 810 8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

Non-flammable, plastic-compatible and low in toxicity. Novec<sup>TM</sup> Aerosol Cleaners are non-ozone depleting and contain no nPB, HFCs or HAPS. These high-performing products have a wide margin of safety for use in intended application and are a sustainable alternative to HCFC-141b.



#### 3M™ Novec™ Contact Cleaner Plus

3M<sup>TM</sup> Novec<sup>TM</sup> Contact Cleaner Plus is formulated with extra cleaning power to remove stubborn oils, greases and silicones, as well as fluorinated oils and greases, dust and particulates, from sensitive electrical and electronic equipment.

Toll Free Number: 1-800 810 8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

Non-flammable, plastic-compatible and low in toxicity. Novec<sup>TM</sup> Aerosol Cleaners are non-ozone depleting and contain no nPB, HFCs or HAPs. These high-performingproducts have a wide margin of safety for use in intended applications and are a sustainable alternative to HCFC-141b. Novec<sup>TM</sup> Contact Cleaner Plus is formulated with 3M<sup>TM</sup> Novec<sup>TM</sup> 7200 Engineered Fluid, which is VOC-exempt under California Air Resources Board (CARB) regulations.



#### 3M™ Novec™ Contact Cleaner/Lubricant

3M<sup>TM</sup> Novec<sup>TM</sup> Contact Cleaner/Lubricant quickly penetrates and flushes away light oils and greases from sensitive electrical and electronic equipment including: avionics, electro-mechanical devices, electrical contacts, connectors and switches. Effectively removes fluorinated oils and greases. It also leaves a thin protective silicone coating. Novec Contact Cleaner/Lubricant is compatible with plastics and other materials of construction.

Toll Free Number: 1-800-810-8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

Low toxicity, Low Global Warming Potential, Non Ozone-depleting, Meets MIL-PRF 29608A (Class L) requirements, Supports U.S. DOD initiatives to procure environmentally preferable products

## 3M™ Novec™ Electronic Degreaser

An industrial-strength cleaner, ideal for cleaning heavy oils, greases and handling soils from electronic equipment.

Toll Free Number: 1-800 810 8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

Non-flammable and low in toxicity, Novec<sup>TM</sup> Aerosol Cleaners are non-ozone depleting and contain no nPB, HFCs or HAPS. These high-performing products have a wide margin of safety for use in intended application and are a sustainable alternative to HCFC-141b.



#### 3M<sup>™</sup> Novec<sup>™</sup> Flux Remover

An industrial-strength cleaner, effective on a wide variety of solder fluxes including rosin-based and many no-clean and lead-free fluxes.

Toll Free Number: 1-800 810 8513 Website: www.3M.com/Novec Environmental/ Energy Advantage:

Non-flammable and low in toxicity, Novec<sup>TM</sup> Aerosol Cleaners are non-ozone depleting and contain no nPB, HFCs or HAPS. These high-performing products have a wide margin of safety for use in intended application and are a sustainable alternative to HCFC-141b.



#### Fire Protection

#### 3M™ Novec™ 1230 Fire Protection Fluid

3M<sup>TM</sup> Novec<sup>TM</sup> 1230 Fire Protection Fluid is a next-generation halon replacement, designed to address concerns for human safety, extinguishing performance and the environment. Unlike first-generation HFCs, Novec<sup>TM</sup> 1230 fluid defines sustainable clean agent protection with the following features: zero ozone depletion potential, A global warming potential of one, five-day atmospheric lifetime, safe for occupied spaces.

3M<sup>TM</sup> Novec<sup>TM</sup> 1230 Fire Protection Fluid can effectively be applied in flooding applications for Data Processing Centers, Telecommunications, Commercial and Military Aviation, Commercial Marine, Military Systems, Oil and Gas Petrochemical Facilities, Transportation, Recreation, Cultural Facilities, Medical Facilities, Manufacturing Facilities and Storage Areas.

**Toll Free Number:** 1-800-810-8513 **Website:** www.3M.com/Novec1230fluid

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC v2.2- EA Credit 4: Enhanced Refrigerant Management; and LEED® EB v2.0- EA Credit 4 Additional Ozone Protection.

#### **Environmental/Energy Advantage:**

With zero ozone depletion potential, extremely low global warming potential and short atmospheric lifetime, 3M<sup>TM</sup> Novec<sup>TM</sup> 1230 Fire Protection Fluid is the first chemical halon replacement to offer a viable, long-term, sustainable technology for clean agent fire protection.



### **Packaging Products**

## 3M<sup>™</sup> Conductive Polycarbonate Carrier Tape 3000

3M<sup>TM</sup> Conductive Black Polycarbonate Carrier Tape 3000 is used in conjunction with a suitable cover tape, such as 3M<sup>TM</sup> Static-Dissipative Heat Activated Cover Tape 2675, 3M<sup>TM</sup> Conductive Pressure-Sensitive Cover Tapes 2666 and 2668, or 3M<sup>TM</sup> Universal Cover Tape (UCT) 2688A, to serve as a reliable and convenient means of protecting and transporting electrical and electronic devices to the assembly point. Carrier Tape 3000 is a continuous, splice-free conductive carrier tape with precisely formed pockets to ensure component fit to ANSI/EIA guidelines for standard or high precision carrier tape. These carriers are available in a broad selection of pocket designs with dimensions to accommodate a variety of common electrical and electronic parts. Customized Carrier Tape 3000, with dimensions specific to your requirements, is also available upon request.

**Toll Free Number:** 800-666-8273 **Website:** www.3Mtapeandreel.com **Environmental/ Energy Advantage:** 

3M<sup>TM</sup> Conductive Polycarbonate Carrier Tape 3000 is a carbon-filled thermoplastic polymer film which can be recycled after use in an industrial recycling process.



#### 3M<sup>™</sup> Non-Conductive Polycarbonate Carrier Tape 2703

3M<sup>TM</sup> Non-Conductive Polycarbonate Carrier Tape 2703 is a clear, embossed carrier tape that is selected for packaging passive components and other non-electrostatic sensitive devices such as connectors and switches. 3M<sup>TM</sup> Carrier Tape 2703 serves as a reliable and convenient means of protecting and transporting electronic devices to the assembly point. For optimal performance, 3M brand cover tapes, such as 3M<sup>TM</sup> Non-Conductive Heat Activated Cover Tape 2672, 3M<sup>TM</sup> Non-Conductive Pressure Sensitive Cover Tapes 2656 and 2658, and 3M<sup>TM</sup> Universal Cover Tape (UCT) 2688A are recommended to use with Carrier Tape 2703. These carriers are available in a broad selection of pocket designs with dimensions to accommodate a variety of common electrical and electronic parts. Precisely formed pockets provide excellent component fit in accord to ANSI/EIA. Customized Carrier Tape 2703, with dimensions specific to your requirements, is also available upon request.

Toll Free Number: 800-666-8273 Website: www.3Mtapeandreel.com Environmental/ Energy Advantage:

3M<sup>TM</sup> Non-Conductive Polycarbonate Carrier Tape 2703 is a thermoplastic polymer film which can be recycled after use in an industrial recycling process.



#### 3M<sup>™</sup> Pressure Sensitive Cover Tapes

The 3M<sup>TM</sup> Pressure Sensitive (PSA) Cover Tape family includes 3M<sup>TM</sup> Non-Conductive Pressure Sensitive Cover Tape 2656, 3M<sup>TM</sup> Non-Conductive High Shear Pressure Sensitive Cover Tape 2658, 3M<sup>TM</sup> Conductive Pressure Sensitive Cover Tape 2666 and 3M<sup>TM</sup> Conductive High Shear Pressure Sensitive Cover Tape 2668. 3M<sup>TM</sup> PSA cover tapes are transparent, polyester film tapes with a synthetic, room temperature, pressure sensitive adhesive zone along each edge. 3M<sup>TM</sup> PSA cover tapes have been designed to seal electrical and electronic components into 3M's family of polycarbonate carriers. 3M<sup>TM</sup> PSA cover tapes have desirable initial peel force which can be reached through the application of adequate pressure to the non-adhesive surface of the cover tape over the adhesive strips, with a reciprocating shoe or compliant roller mechanism.

Toll Free Number: 800-666-8273
Website: www.3Mtapeandreel.com
Environmental/ Energy Advantage:

3M PSA cover tapes create an environmentally friendly solution that allows necessary conglutination at room temperature without any heating process. This technology not only eliminates the need for a heating device and accessories, but also saves energy from air-conditioning or cooling system, providing a comfortable working ambient.

## 3M™ Static Dissipative Clear Polycarbonate Carrier Tape 2705

3M<sup>TM</sup> Static Dissipative Clear Polycarbonate Carrier Tape 2705 is a clear, embossed carrier tape with static dissipative properties designed for packaging & transporting components and other electrical / electronic devices that require minimum ESD protection. 3M<sup>TM</sup> Carrier Tape 2705, used with 3M<sup>TM</sup> Static Dissipative Heat Activated Cover Tape 2675 or 3M<sup>TM</sup> Universal Cover Tape (UCT) 2688A, presents a reliable and convenient means of protecting and transporting electronic devices to the assembly point. 3M<sup>TM</sup> Carrier Tape 2705 is available in a broad selection of pocket designs with dimensions to accommodate a variety of common electrical and electronic parts. Precisely formed pockets provide excellent component fit in accordance to ANSI/EIA guidelines. Customized pocket designs specific to customer requirements are also available upon request.

Toll Free Number: 800-666-8373
Website: www.3Mtapeandreel.com
Environmental/ Energy Advantage:

3M<sup>TM</sup> Static Dissipative Polycarbonate Carrier Tape 2705 is a thermoplastic polymer film which can be recycled after use in an industrial recycling process.

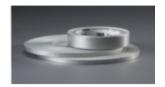
#### Renewable Energy Solutions

### 3M™ Charge-Collection Tapes

3M<sup>TM</sup> Charge-Collection Tapes are tin-plated, deadsoft copper foil tapes with a pressure-sensitive adhesive, used in applications equiring excellent electrical conductivity from the substrate through the foil backing. The tin plating facilitates soldering to the backing, and resists oxidation and corrosion.

Toll Free Number: 1-800-755-2654 Website: www.3M.com/solar Environmental/ Energy Advantage:

These tapes are available in a wide range of configurations for applications as a charge collector or bus within thin film solar panels. These products help control costs, speed assembly and potentially improve product reliability.



#### 3M™ Dielectric Tapes

3M<sup>TM</sup> Dielectric Tapes are excellent high temperature tapes for crystalline silicon (c-Si) and thin film applications. They provide reliable electrical insulation in a thin format. Automation potential allows for rapid application – high productivity.

Toll Free Number: 1-800-755-2654 Website: www.3M.com/solar Environmental/ Energy Advantage:

These products provide insulating properties in a variety of thin film solar applications. These products help control costs, speed assembly and potentially improve product reliability.



#### 3M™ Scotchshield™ Film

3M<sup>TM</sup> Scotchshield<sup>TM</sup> Backsheet Film is a backside barrier film for photovoltaic solar modules. The outer surface is treated to facilitate the use of a broad range of adhesives, tapes and labels. Similar to other commercially available backside films, it utilizes a fluoropolymer layer as a key component. Fluoropolymers have excellent resistance to degradation from sources such as UV, heat and moisture. Their weatherability exceeds that of non-fluorinated materials.

Toll Free Number: 1-800-755-2654

Website: www.3M.com/ScotchshieldFilm

#### **Environmental/Energy Advantage:**

This product has an excellent UV stability, very low moisture vapor transmission rate; it is manufactured with a solvent-free process, and is a resilient, low flammability fluoropolymer.

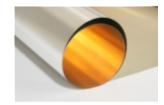


#### 3M™ Solar Mirror Film

3M<sup>TM</sup> Solar Mirror Film 1100 is a silver metalized weatherable acrylic film. It has a solar-weighted total hemispherical reflectance of 94% at air mass 1.5 and is designed for use in concentrating solar collectors.

Toll Free Number: 1-800-755-2654 Website: www.3M.com/solar Environmental/ Energy Advantage:

This product offers a number of significant advantages over traditional glass mirrors, including higher reflectance, less weight and improved mechanical properties. These features can increase the output and design flexibility of your CSP system.



## 3M™ Wind Protection Tapes

3M<sup>TM</sup> Wind Protection Tapes shield leading edges and surfaces of rotor blades from pitting, wear and water ingression. Constructed from tough, abrasion-resistant polyurethane elastomers, Wind Protection Tapes from 3M resist erosion and weathering. They are UV stable, solvent-free, and conform to complex shapes without special application tools.

Toll Free Number: 1-800-755-2654 Website: www.3M.com/wind Environmental/ Energy Advantage:

Helps protect the leading edge of blades against erosion, rain, and other particles in the air that can cause deterioration of the blade and thus a decrease in turbine output.



## **Roofing Products**

## 3M<sup>™</sup> Cool Roofing Granules

3M is the world's leading supplier of colored and specialty granules for use in the asphalt shingle industry. 3M's line of Cool Roofing Granules consists of nearly 20 wide ranging vivid colors. Cool Roofing Granules represent an energy efficient roofing granule technology. Based on 3M reflectivity test methods, Cool Roofing Granules are up to three times more reflective than comparable typical colored granules, which can help keep your home cool resulting in reduced energy consumption and lower energy cost.

**Toll Free Number:** 1-800-447-2914

Website: www.scotchgard.com/roofinggranules

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC v2.2- SS Credit 7.2:,Heat Island Effect: Roof; and LEED® EB v2.0- SS Credit 6.2 Heat Island Reduction: Roof.

#### **Environmental/Energy Advantage:**

Can help keep your home cool with less energy consumption and lower energy cost.  $3M^{TM}$  Cool Roofing Granules in the appropriate blend combination meet or exceed the 25% initial reflectance in order to qualify for the United States Environmental Protection Agency Energy Star® program.



#### Sorbents

#### 3M™ Chemical Sorbent Mini-Booms

Chemical Sorbent Mini-Booms can be placed around hazardous spills, reducing the possibility of spread to adjacent areas. Chemical Sorbents can sorb acids, bases and other hazardous fluids.

Mini-Booms can be ordered in three different sizes, P-200 (3" x 4'), P-208 (3" x 8') and P-212 (3" x 12').

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:

Chemical Sorbents help to efficiently pick up most hazardous fluids.



### 3M™ Chemical Sorbent Pads - C-PD914DD, High Capacity

Highly absorbent and non-granular pads feature a low-profile design, so they can be easily placed in tight areas. These pads are ideal for cleaning up small spills and wiping down contaminated areas. Twenty-five pads per dispenser box.

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:

Chemical Sorbents help to efficiently pick up most hazardous fluids.

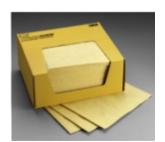


#### 3M™ Chemical Sorbent Pads - P-110

Designed with quick and easy response in mind. Packaged in convenient dispenser boxes for storage in confined spaces or mounting on a wall near where spills may occur.

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:

Chemical Sorbents help to efficiently pick up most hazardous fluids.



## 3M™ Chemical Sorbent Particulate - P-500

Designed with quick and easy response in mind. An alternative solution to granules, this material can be sprinkled over a spill or broadcast over a large area.

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:

Chemical Sorbents help to efficiently pick up most hazardous fluids.



#### 3M™ Chemical Sorbent Pillows - P-300

Pillows are designed with a scrim that encases particulate sorbent material. Pillows are used in areas where more capacity is desired than can easily be achieved using a sorbent pad.

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:

Chemical Sorbents help to efficiently pick up most hazardous fluids.



#### 3M™ Chemical Sorbents Multi-Format - C-FL550DD

All the versatility of Multi-Format plus chemical resistance. Folded Sorbent is dispensed in the form of a 5 inch wide continuous roll, perforated every 16 inches. Tearing at the perforations can customize the length needed and can be unfolded into pads or pillows

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:

Chemical Sorbents help to efficiently pick up most hazardous fluids.



#### 3M™ Chemical Spill Response Pack - SPR-CHEM

3M<sup>TM</sup> Chemical Spill Kits each contain a carefully selected variety of 3M<sup>TM</sup> Chemical Sorbents. Available in five configurations, these convenient kits assist with providing fast and effective containment and clean-up of hazardous spills.

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:

Chemical Sorbents help to efficiently pick up most hazardous fluids.



#### 3M™ Maintenance Sorbent Mini-Booms

For leaks and drips of non aggressive fluids.  $3M^{TM}$  Maintenance Sorbents are ideal for absorbing oil and other industrial fluids cleanly, safely and efficiently. They are lightweight and very quick to deploy. They are highly absorbent (up to 25 x its own weight) absorbing most fluids very quickly and are long lasting. Minibooms are ideal for placing around the base of leaking machinery/equipment to contain and absorb oils and cutting fluids. Mini-Booms: M-MB304 (3" x 4'), M-MB308 (3" x 8'), M-MB312 (3" x 12'). Pillows: M-PL715 (7" x 15').

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:

Maintenance sorbents are ideal for absorbing oil and other industrial fluids cleanly, safely and efficiently.



## 3M™ Maintenance Sorbent Pillow M-PL715, High Capacity

Small and lightweight pillows are tear-resistant and feature a high capacity for holding liquid. They can be placed quickly at the source of a leak, helping to save hours of cleanup time. Sorbent pillows are ideal for use in a drip pan, under equipment, or at the source of a large leak.

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:

Maintenance sorbents are ideal for absorbing oil and other industrial fluids cleanly, safely and efficiently.



#### 3M™ Maintenance Sorbents Folded - M-FL550DD

This high capacity sorbent has a scrim on one side to increase strength and help eliminate linting. It is dispensed from a carrying/dispenser box in the form of a continuous roll with perforations every 16 inches.

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:

Maintenance sorbents are ideal for absorbing oil and other industrial fluids cleanly, safely and

efficiently.



## 3M™ Petroleum Sorbent Boom T-270

This boom is a 8 inches by 10 feet scrim encased tube of particulate sorbent material secured by a UV resistant netting. Built-in attachment clips are provided at each end of the boom allowing the booms to be linked together, overlapping and preventing seepage between segments.

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:

For use on land and water, petroleum sorbents help control and contain spills, drips and leaks of petroleum-based liquids.



## 3M™ Petroleum Sorbent Drum Cover P-DC22DD, High Capacity

Will "sorb" hydrocarbon based liquids and repel aqueous based liquids. Has a scrim on one side to increase strength and eliminate linting. Use on a 55 gallon drum to catch drips and spills. Cut-outs for dispensing bungs. Skirt which fits neatly around the base of the drum to catch drips.

Toll Free Number: 1-800-626-8578
Website: www.3M.com/OccSafety
Environmental/ Energy Advantage:



#### 3M™ Petroleum Sorbent Mini-Boom T-4

Mini-Booms are a selective sorbent which will sorb hydrocarbon-based liquids (oleophilic) and repel aqueous-based liquids (hydrophobic). Mini-booms are typically used because of their tube-like shape to encircle spills and contain leaks.

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:

For use on land and water, petroleum sorbents help control and contain spills, drips and leaks of petroleum-based liquids.



#### 3M™ Petroleum Sorbent Mini-Pillow T-30

Pillows are designed with a scrim that encases particulate sorbent material. Pillows are small, lightweight, and tear-resistant, and can be used in areas where more capacity is desired than can easily be achieved using a sorbent pad. The  $3M^{TM}$  Petroleum Sorbent Mini-Pillow is a selective sorbent which will "sorb" hydrocarbon-based liquids (oleophilic) and repel aqueous-based liquids (hydrophobic).

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:

For use on land and water, petroleum sorbents help control and contain spills, drips and leaks of petroleum-based liquids.



## 3M™ Petroleum Sorbent Pads

Designed to be used in and around the work area or spill site to clean up or catch leaks and drips, highly absorbent and simple to use. Pads: HP-151 (17" x 19"), HP-156 (17" x 19"), HP-157 (34" x 38").

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:



#### 3M™ Petroleum Sorbent Pillow T-240

The 3M<sup>TM</sup> Petroleum Sorbent Pillow T-240 is a selective sorbent which will "sorb" hydrocarbon-based liquids (oleophilic) and repel aqueous-based liquids (hydrophobic). These open mesh bags of particulate sorbent are excellent for handling large quantities of light oil in confined spaces such as sumps, catch basins, bilges, or settlement ponds. Designed for long term use, they are UV resistant and will not deteriorate or sink.

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:

For use on land and water, petroleum sorbents help control and contain spills, drips and leaks of petroleum-based liquids.



## 3M™ Petroleum Sorbent Roll HP-100, High Capacity

Designed to cover large areas, petroleum sorbent rolls are perfect for lining drawers, covering workbenches, or masking areas from oversprays. HP-100 rolls can be cut to cover small areas or can be laid on open waters, shorelines, or discharge streams. One bale of HP-100 petroleum sorbent material will absorb up to 73 gallons of petroleum-based liquid. With a scrim on one side, HP-100 can be wrung out and reused many times over to reduce waste and reclaim fluids.

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:

For use on land and water, petroleum sorbents help control and contain spills, drips and leaks of petroleum-based liquids.



#### 3M™ Petroleum Sorbent Rolls

These rolls can be used on all sizes of spills and discharges. They can be cut to cover small areas or laid directly on open waters, shorelines, or discharge streams. In addition, they can be placed on docks, in boats, and under leaking machines.

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:



#### 3M™ Petroleum Sorbent Spill Response

The right product when quick response is needed. Can be used with most hydrocarbon based liquids and it repels aqueous based liquids. Available in 5-and 31-gallon spill kits and a 4-gallon response pack with mini-booms and pads. P-SKFL31 (31 gal. Spill Kit), P-DKFL5 (5 gal. Spill Kit), SPR-PETRO (4 gal. Spill Response Pack).

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:

For use on land and water, petroleum sorbents help control and contain spills, drips and leaks of petroleum-based liquids.



#### 3M™ Petroleum Sorbent Sweep - T-126

Sweeps are excellent for removing thin oil slicks on water surfaces where mechanical skimmers have not been 100% effective. Constructed with a durable rope on one edge to allow for easy deployment, anchoring in place and recovery.

Toll Free Number: 1-800-626-8578
Website: www.3M.com/OccSafety
Environmental/ Energy Advantage:

For use on land and water, petroleum sorbents help control and contain spills, drips and leaks of petroleum-based liquids.



## 3M™ Petroleum Sorbents - High Capacity Pads

These highly sorbent pads feature a low-profile design so that they can be easily placed in tight areas. Ideal for cleaning up small spills and wiping down contaminated areas.

Toll Free Number: 1-800-626-8578 Website: www.3M.com/OccSafety Environmental/ Energy Advantage:



## Industrial Tapes

#### 3M™ Marine Sealant Fast Cure 4000 UV

A one-part sealant that cures to form a firm, rubbery, waterproof seal. Its flexibility allows for the dissipation of stress caused by shock, vibration, swelling.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/adhesives **Environmental/ Energy Advantage:** 

Lower Volatile Organic Compounds (VOC) than SCAQMD Rule 1168 limits.



## 3M™ Polyurethane Sealant 540

3M<sup>TM</sup> Polyurethane Sealants are one component, moisture curing products which form permanently elastic bonds. Bonds to a wide variety of materials including plastics, FRP, SMC, aluminum, steel, coated metal, and wood.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/adhesives Environmental/ Energy Advantage:

Lower Volatile Organic Compounds (VOC) than SCAQMD Rule 1168 limits.



#### Construction

## 3M™ All Weather Flashing Tape 8067

A self-adhesive weather-resistant barrier tape for use in the construction industry to seal windows and door openings against moisture intrusion. The tape has a unique, aggressive acrylic adhesive and thin, proprietary backing that works both on dry and damp surfaces. The tape bonds on contact to a variety of materials at application even in extreme temperatures beyond the range of traditional asphaltic or butyl flashing tapes, from zero degrees to 120 degrees F. The proprietary backing also resists punctures and self-seals around nails and staples. While it can conform to irregular surfaces and contours for a tight seal, it is thin enough to fit into corners and under siding. A UV-stabilized backing resists sunlight exposure for 6 months. With a fast, convenient application, the tape also has no adverse reaction with many building sealants.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/industrialtape

**LEED® Claim:** 

3M<sup>TM</sup> All Weather Flashing Tape 8067 meets the criteria to contribute to the Environmental Quality ("EQ") Credit 4.1: Low-Emitting Materials: Adhesives & Sealants under the United States Green Building Council's Rating System for New Construction & Major Renovations (LEED-NC), Version 2.2, Core and Shell (LEED-CS), Version 2.0, and Commercial Interiors (LEED-CI), Version 2.0.



#### **Double Coated Urethane Foam Tapes**

#### 3M<sup>™</sup> Double Coated Urethane Foam Tape 4016

3M<sup>TM</sup> Double Coated Urethane Foam Tape is a thick, double-coated, open-cell urethane foam tape with that is 1/16 in. Thick open cell urethane foam flexible carrier with high shear, high temperature resistant acrylic adhesive. Use to fill gaps and bond irregular surfaces. Distributes stress uniformly over bonded area

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/adhesives

**LEED® Claim:** 

 $Helps\ contribute\ to\ LEED \hbox{@ NC, CI, CS EO Credit 4.1 - Low Emitting Materials: Adhesives and}$ 

Sealants.



### 3M<sup>™</sup> Double Coated Urethane Foam Tape 4026

3M<sup>TM</sup> Double Coated Foam Tape 40126 is a thich, double-coated, open-cell urethane foam tape that is 1/16 in. Thick, open cell urethane foam flexible carrier with high shear, high temperature resistant acrylic adhesive. Use to fill gaps and bond irregular surfaces. Distributes stress uniformly over bonded area.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/adhesives

**LEED® Claim:** 

Helps contribute to LEED® NC, CI, CS EO Credit 4.1 - Low Emitting Materials: Adhesives and Sealants.

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#### **Filament**

### 3M™ Filament Tapes

High-strength box closing filament tapes are available for L-clip closures of non-typical box styles, such as full-overlap, five panel folders and full telescope boxes, as well as single strip closures of heavy-duty regular slotted containers (RSCs).

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

Uses solventless adhesive coating process. In addition it meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



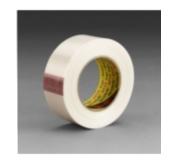
## Industrial Tapes

#### Scotch® Appliance Filament Tape 8916

High performance. Polypropylene backing reinforced with glass filaments to hold appliance components during manufacturing and shipping. Typical 170 lb/inch width tensile strength with clean removal adhesive for use on painted metal.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

Uses solventless adhesive coating process. In addition it meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



## Scotch® Bi-Directional Filament Tape 8959

High performance. Polypropylene backing reinforced with bi-directional continuous glass yarn across length and width. Typical tensile strengths of 150 lb/in longitudinal and 50 lb/in width in cross direction.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

Uses solventless adhesive coating process. In addition it meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



## Scotch® Filament Tape 893

Polypropylene backing is easy to handle and dispense. Provides excellent resistance to nicks, abrasion and moisture. Good balance of adhesion and high shear strength. Applications include bundling, reinforcing, palletizing, L-clip closures.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

Uses solventless adhesive coating process. In addition it meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



#### Scotch® Filament Tape 897

High performance. Polypropylene backing reinforced with glass filaments. Typical 170 lb/inch width tensile strength for light- to medium-duty bundling, reinforcing, and palletizing. Good initial and long-term adhesion with good shear strength.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

Uses solventless adhesive coating process. In addition it meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



#### Scotch® Filament Tape 898

High performance. Polypropylene backing, reinforced along the length with continuous glass filament. 380 lb/inch width tensile strength with good initial adhesion and high shear strength. Excellent aging.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

Uses solventless adhesive coating process. In addition it meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



# Scotch® Filament Tape 8981

High performance. Polypropylene backing reinforced with continuous glass yarn. Typical 380 lb/inch width tensile strength. High shear adhesion for low unit cost, heavy-duty closure of hard-to-adhere or high recycled content fiberboard.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

Uses solventless adhesive coating process. In addition it meets the EU RoHS Directive 2002/95/EC and the laws based on CONEG model legislation.

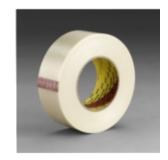


### Scotch® High Strength Filament Tape 890

High performance. Transparent polyester backing reinforced with extra continuous glass filament. Typical 600 lb/in width tensile strength for extremely heavy duty bundling. High shear strength and excellent aging.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

Contains Natural Rubber, a renewable resource. In addition it meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



### Tartan™ Filament Tape 8934

Transparent polypropylene film backing reinforced with glass yarn filaments. Light-duty tensile strength, nick resistance, abrasion resistance and good handling for utility bundling, reinforcing, and pallet unitizing applications.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

Uses solventless adhesive coating process. In addition it meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



### Masking Tapes

### 3M<sup>™</sup> General Purpose Masking Tape 203

Crepe paper backing with rubber adhesive.  $3M^{TM}$  General Purpose Masking Tape 203 has good adhesion, holding power, and provides good paint lines. Use for general purpose masking projects where surfaces are not easily damaged. Has instant adhesion to a wide variety of surfaces with high holding power that resists lifting and curling.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/masking Environmental/ Energy Advantage:

Uses solvent-free manufacturing process. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.



#### 3M<sup>™</sup> Masking Tape 2307

A general purpose paper tape with rubber adhesive. For holding, bundling, sealing, non-critical masking and a vast number of other jobs where a pressure-sensitive tape is needed.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/masking **Environmental/ Energy Advantage:** 

Uses solvent-free manufacturing process. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.



# 3M<sup>™</sup> Paper Tape 200

A utility purpose paper tape with rubber adhesive. For holding, bundling, sealing, non-critical masking and a vast number of other jobs where pressure sensitive tape is needed. Should not be subjected to outdoor or UV exposure.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/masking Environmental/ Energy Advantage:

Uses solvent-free manufacturing process. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.



# Scotch® General Purpose Masking Tape 234

A medium temperature resistant tape for use in masking and holding applications where temperatures reach  $250^{\circ}F$  ( $121^{\circ}$  C) up to 30 minutes. A general purpose paper masking tape designed to be used in medium temperature paint bake operation.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/masking Environmental/ Energy Advantage:

Uses solvent-free manufacturing process. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.

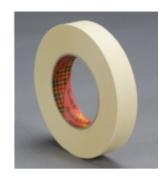


### Scotch® High Performance Masking Tape 2693

Designed for automotive, truck and bus applications, where very agressive room temperature and high temperature holding is required. Tan, 8.5 mils (0.21 mm) mini-crepe paper tape with rubber adhesive.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/masking Environmental/ Energy Advantage:

Greater than 95% of the organic solvents used in manufacturing this product are recovered and used again. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.



### Scotch® Masking Tape 2308

Natural colored crepe paper backing with rubber adhesive. A general purpose masking tape for holding, bundling, sealing, general paint masking and a vast number of other jobs where a pressure-sensitive tape is needed. Features include consistent adhesive coating, adhesive transfer resistance, consistent unwind, and leaves an excellent paint edge.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/masking Environmental/ Energy Advantage:

Uses solvent-free manufacturing process. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.



# Scotch® Performance Masking Tape 232

A high performance paper backing with rubber adhesive. Used in the medium temperature paint bake operation. A smooth crepe paper tape that is treated with a heat and solvent resistant coating.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/masking **Environmental/ Energy Advantage:** 

Uses solvent-free manufacturing process. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.



#### Scotch® Performance Masking Tape 2364

Clean removal from many surfaces make this an excellent tape for many industrial applications. Clean removal dependent on surface type, processing conditions, type of paint, as well as the temperature of the surface at removal. Easy tearing and sliver resistance.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/masking Environmental/ Energy Advantage:

Greater than 95% of the organic solvents used in manufacturing this product are recovered and used again. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.



### Scotch® Premium High Temperature Masking Tape 2380

Crepe paper backing with rubber adhesive. Designed for industrial paint masking applications where good paint line is desired and drying conditions range from air dry to an oven bake. Provides excellent holding power and paint flake resistance. Can be removed hot, warm or cold from most surfaces without adhesive transfer.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/masking Environmental/ Energy Advantage:

Greater than 95% of the organic solvents used in manufacturing this product are recovered and used again. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.



# Scotch® Premium High Temperature Masking Tape 2393

Crepe paper backing with rubber adhesive. A smooth, heavy duty, mini-crepe high temperature masking tape. Offers excellent paint mask performance with high solids paints and clear coats used in the transportation industy. Specifically designed for those applications where easy removal after bake is important.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/masking Environmental/ Energy Advantage:

Greater than 95% of the organic solvents used in manufacturing this product are recovered and used again. In addition, this product meets the heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste and the laws based on CONEG model legislation.



#### **Metal Foil Tapes**

### 3M<sup>™</sup> Aluminum Foil Tape 425

Dead-soft aluminum foil tape with a pressure sensitive acrylic adhesive, excellent heat and light reflection to protect against high temperatures and U.V. degradation. The foil also serves as an excellent barrier against moisture, dust, flame, and certain chemicals as used in aircraft paint stripping masking. Acrylic adhesive supplies superior temperature, U.V. and solvent resistance. It provides excellent age life and is ideal for harsh, long-term outdoor environments.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/industrialtapes

**LEED® Claim:** 

 $Helps\ contribute\ to\ LEED @\ NC,\ CI,\ CS\ EO\ Credit\ 4.1\ -\ Low\ Emitting\ Materials:\ Adhesives\ and$ 

Sealants.



#### Scotch® Foil Tape 3311

Aluminum alloy foil with a pressure-sensitive adhesive and paper liner. The aggressive rubber adhesive sticks well to most surfaces and the paper liner makes for convenient and reliable use. Ideal for sealing aluminum faced insulation seams and joints.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/industrialtapes

**LEED® Claim:** 

Helps contribute to LEED® NC, CI, CS EO Credit 4.1 - Low Emitting Materials: Adhesives and

Sealants.



### **Packaging Products**

### 3M<sup>™</sup> Double Coated Paper Tape 410M

Natural rubber double coated tape with heavy paper carrier for increased strength and dimensional stability, Offers good initial adhesion to a variety of surfaces. For indoor and room temperature applications.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/industrialtapes Environmental/ Energy Advantage:

Solventless coating process

#### 3M<sup>™</sup> Non-Printed Packing List Envelopes

Pressure-sensitive, clear, non-printed packing list envelopes in various sizes and formats for easy opening, uncluttered protection of your important shipping information.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

Uses solventless adhesive coating process. In addition, this product meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



### 3M™ ScotchPad™ Carry Handle 8326

Plastic strips with adhesive at each end that sticks to both sides of a box or package, creating a small loop for easy carrying. No need for extra packaging materials such as plastic or paper bags. For use on items that weigh up to 15 lbs.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

Uses solventless adhesive coating process. In addition, this product meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



# 3M™ ScotchPad™ Label Protection Tape Pad 822

Pre-cut pad of layered, high-performance tape sheets used for convenient repair of broken packages, for label protection, industrial covering applications, protection of surfaces during manufacturing, securely closing tuck-in flap boxes, and more.

Toll Free Number: 1-800-362-3550
Website: www.3M.com/packaging
Environmental/ Energy Advantage:

Uses solventless adhesive coating process. In addition, this product meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



#### 3M™ Stretchable Tape Load Containment System

Waste reduction is a priority for companies around the world, the  $3M^{TM}$  Stretchable Tape Load Containment System combines waste reduction with load stability for utilizing pallets for shipment. The unique  $3M^{TM}$  Stretchable Tape Wrapper ST1000 stretches and applies Scotch® Stretchable Tape 8886 in a consistent, pre-programmed pattern.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

Up to 95% less material waste by volume when compared with typical pallet wrapping systems.



# 3M<sup>™</sup> Top Print Packing List Envelopes

Pressure-sensitive, protective polyethylene envelope printed across the top portion with the message PACKING LIST / INVOICE ENCLOSED.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

This product uses solventless adhesive coating process. In addition, this product meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



# Scotch® Box Sealing Tape 311

Scotch box sealing tape 311 is a polypropylene tape. It is available in a variety of colors with pressure-sensitive acrylic adhesive that bonds lighter weight recycled corrugated instantly and holds strong through wide temperature variations. Tensile strength of 25 lb/inch in machine direction; 40 lb/inch cross direction.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/packaging **Environmental/ Energy Advantage:** 

This tape is manufactured with a water-based adhesive. In addition, this product meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



### Scotch® Box Sealing Tape 313

A clear polypropylene tape with a pressure-sensitive acrylic adhesive. It bonds instantly, holds through wide temperature variations, and resists UV light. Tensile strength of 35 lb/inch in machine direction; 56 lb/inch cross direction.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

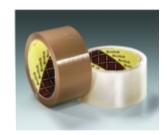
This product is manufactured with a water-based adhesive. In addition, this product meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.

#### Scotch® Box Sealing Tape 371

Scotch box sealing tape 371 is a Colored polypropylene tape for single-wall, low burst strength RSCs with high weight contents. More than 3,000 minutes adhesion to fiberboard. Tensile strength of 22 lb/inch in machine direction; 44 lb/inch cross direction.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

This product is manufactured using a solventless adhesive coating process. In addition, this product complies with environmental considerations of ASTM D1974-92, meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



# Scotch® Box Sealing Tape 373

a polypropylene tape for single-wall and double-wall cartons with high value contents. Rubber resin adhesive instantly seals with more than 8,000 minutes adhesion. Tensile strength of 30 lb/inch in machine direction; 60 lb/inch cross direction.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

Scotch box sealing tape 373 is manufactured using a solventless adhesive coating process. In addition, this product complies with environmental considerations of ASTM D1974-92, meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



### Scotch® Box Sealing Tape 375

Scotch box sealing tape 375 is a superior performance box sealing tape designed for single-wall and double-wall cartons in demanding applications. Synthetic rubber resin adhesive instantly seals with more than 12,000 minutes adhesion. Tensile strength: 35 lb/inch. Backing thickness: 2.0 mil.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

This product is manufactured using a solventless adhesive coating process. In addition, this product complies with environmental considerations of ASTM D1974-92, meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.

# Scotch® Labelgard™ Film Tape 821

Write-on surface, acetate film, low-glare, matte finish, acrylic adhesive for easy handling and low static dispensing. Lightly tinted pink tape designed for protecting labels and shipping information.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

Uses water-based adhesive. In addition, this product meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



# Scotch® Packaging Tape 3750-P

Strong conformable film backing and hot melt synthetic rubber-resin adhesive system provides a consistent uniform seal. Resists center seam splitting, assures reliable closures. Seals out moisture, dust and dirt.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

Uses solventless adhesive coating process. In addition, this product meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.

### Scotch® Recycled Corrugate Tape 3073

With environmental standards changing rapidly and companies constantly seeking new ways to reduce costs and improve their environmental footprint, packaging materials are in a constant state of flux. Scotch® Recycled Corrugate Tape 3073 is designed to help you stay on top of the changes. It is ten times tackier than conventional box sealing tapes so it will stick to almost any packaging material you're likely to encounter. It is made with an adhesive with over 10% bio-based content and uses recycled materials in the core to help with your sustainability goals. Bio-based content is determined using ASTM-D6866-10.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

This tape is made with an adhesive with over 10% bio-based content and uses more than 85% recycled materials in the core to help with sustainability goals.



#### Scotch® Repulpable Box Sealing Tape 2622

Scotch® Repulpable Box Sealing Tape 2622 can help you meet your sustainability and environmental goals for packaging. Building a more environmentally sustainable business model and reducing your environmental footprint are growing priorities for companies all over the world. The brown kraft paper tape is recyclable right along with your corrugated boxes. 3M repulpable tape technology means all of the components of the tape become a seamless part of the next box in the recycling process--no more tape in the corrugated recycling waste stream. Pressure-sensitive adhesive means that the tape can be applied cleanly and reliably with 3M-Matic<sup>TM</sup> Case Sealers.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/packaging **Environmental/ Energy Advantage:** 

The tape is recycled along with the corrugated box. 100% repulpable makes it virtually waste free.



### Scotch® Stretchable Tape 8884

A low density polyethylene tape with 710% elongation at break and 20 lb/inch width tensile strength for light to medium containment of A- and B-type pallets. Elastic memory tightly bundles load during shipment.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

This product is manufactured using a solventless adhesive coating process. In addition, this product meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



### Tartan™ Box Sealing Tape 305

A general purpose box sealing tape designed specifically for utility type applications on lightweight boxes. This product offers performance over broad temperature ranges; specifically in cold and damp applications such as refrigerated storage.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

This tape is manufactured with a water-based adhesive. In addition, this product meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



#### Tartan™ Box Sealing Tape 369

a general purpose tape. For applications where box, weight of contents, etc. does not put severe stress on the tape. This tape has good holding power to fiberboard. A 1.0 mil, clear polypropylene film with pressure-sensitive hot melt synthetic rubber resin adhesive.

Toll Free Number: 1-800-362-3550 Website: www.3M.com/packaging Environmental/ Energy Advantage:

This product is manufactured using a solventless adhesive coating process. In addition, this product meets the EU RoHS Directive 2002/95/EC, heavy metals content as stated in Article 11 of European Directive 94/62/EC on packaging and packaging waste, and the laws based on CONEG model legislation.



### Specialty Tapes

### 3M<sup>™</sup> Construction Seaming Tape 8087

Designed to seal seams on housewrap and insulated sheathing products. It can also be used to seam polyethylene vapor barrier products as well as to repair holes and tears in these building materials. Taping seams aids in reducing air infiltration, improving the effectiveness of insulation and reducing heating and cooling costs.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/industrialtapes

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC, CI, CS EO Credit 4.1 - Low Emitting Materials: Adhesives and Sealants.



# 3M™ Vent Tape 3294

Air permeable, non-woven backing with an acrylic adhesive that is strip-coated so uncoated areas have higher permeability to help minimize foaming voids. Use in various venting applications requiring high outgassing rates, allow confinement and outgassing of foam insulation.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/industrialtapes

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC, CI, CS EO Credit 4.1 - Low Emitting Materials:

Adhesives and Sealants.



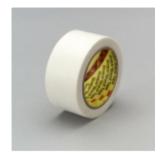
#### 3M™ Vent Tape 394

Unique non-woven porous backing that has high air/gas permeability, good burst strength and solids barrier for minimal voids and less clean up. Used in a variety of industrial applications including sealing, holding, reinforcing, identifying, masking, protection and splicing.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/industrialtapes

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC, CI, CS EO Credit 4.1 - Low Emitting Materials: Adhesives and Sealants.



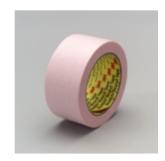
# 3M™ Venting Tape 3394

Non-woven, synthetic backing with a low-tack acrylic adhesive. Used in a variety of venting applications, allow the confinement and outgassing of foam insulation, non-woven backing for conformability.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/industrialtapes

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC, CI, CS EO Credit 4.1 - Low Emitting Materials: Adhesives and Sealants.



#### 3M™ Weather Resistant Film Tape 838

Tape with an acrylic adhesive and Tedlar® PVF backing used for sealing the seams of outdoor building panels, windows and doors as well as similar severe exposure applications, and hinge seal on shower doors.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/industrialtapes

**LEED® Claim:** 

Use of this product helps contribute to LEED@ NC, CI, CS EO Credit 4.1 - Low Emitting Materials:

Adhesives and Sealants.



### **Temporary Surface Protection Tape**

## 3M™ High Performance Temporary Surface Protection Tape 2A804

A clear 2 mil high performance protective tape with a very low tack adhesive system.

**Toll Free Number:** 1-800-241-2031 **Website:** www.3m.com/protectivetapes

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC, CI, CS EO Credit 4.1 - Low Emitting Materials:

Adhesives and Sealants.

**Environmental/Energy Advantage:** 

Tape is made with a water-based adhesive.



# 3M™ High Performance Temporary Surface Protection Tape 2A825

A clear 2 mil high performance protective tape with a medium tack adhesive system.

**Toll Free Number:** 1-800-241-2031 **Website:** www.3M.com/protectivetapes

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC, CI, CS EO Credit 4.1 - Low Emitting Materials: Adhesives and Sealants.

**Environmental/Energy Advantage:** 

Tape is made with a water-based adhesive.



# 3M™ High Performance Temporary Surface Protection Tape 2A826

A clear 2 mil high performance protective tape with a medium tack adhesive system.

**Toll Free Number:** 1-800-241-2031 **Website:** www.3m.com/protectivetapes

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC, CI, CS EO Credit 4.1 - Low Emitting Materials:

Adhesives and Sealants.

**Environmental/Energy Advantage:** 

Tape is made with a water-based adhesive.



### 3M<sup>™</sup> Temporary Surface Protection Laser Tape 4H81

A clear 4 mil protective laser tape with a medium tack adhesive system.

**Toll Free Number:** 1-800-241-2031 **Website:** www.3m.com/protectivetapes

**LEED® Claim:** 

Use of this product helps contribute to LEED® NC, CI, CS EO Credit 4.1 - Low Emitting Materials: Adhesives and Sealants.

**Environmental/Energy Advantage:** 

Tape is made with a water-based adhesive.

# 3M<sup>™</sup> Temporary Surface Protection Laser Tape 4H85

A clear 4 mil protective laser tape with a high tack adhesive system.

**Toll Free Number:** 1-800-241-2031 **Website:** www.3M.com/protectivetapes

**LEED® Claim:** 

Use of this product helps contribute to LEED $\circledR$  NC, CI, CS EO Credit 4.1 - Low Emitting Materials:

Adhesives and Sealants.

**Environmental/Energy Advantage:** 

Tape is made with a water-based adhesive.

#### **VHB Tapes**

### 3M™ VHB™ Adhesive Transfer Tape F9460PC

High Temperature, Moisture and Solvent Resistant. Adhesive thickness 0.002 in. (0.05 mm). Liner material: 58# polycoated Kraft 0.004 in. (0.10 mm). Utilizes the high performance of  $3M^{TM}$  Adhesive 100MP. Has excellent long-term holding power. Ideal for use in many interior and exterior industrial applications. Used for Industrial Joining and Metal Fabrication. UL Listing 746C.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/adhesives

LEED® Claim:

Use of this product helps contribute to LEED® NC, CI, CS EO Credit 4.1 - Low Emitting Materials: Adhesives and Sealants.



# 3M™ VHB™ Adhesive Transfer Tape F9469PC

5.0 mil thick 3M<sup>TM</sup> VHB<sup>TM</sup> Adhesive Transfer Tape on 58 lb polycoated kraft paper liner. Utilizes the high performance of 3M<sup>TM</sup> Adhesive 100MP. Has excellent long-term holding power. Ideal for use in many interior and exterior industrial applications. Used for Industrial Joining and Metal Fabrication. UL Listing 746C.

Toll Free Number: 800-223-7427 Website: www.3M.com/converter Environmental/ Energy Advantage:

The power of an adhesive with the conveniece of a tape.



# 3M™ VHB™ Adhesive Transfer Tapes F9473PC

High Temperature, Moisture and Solvent Resistant. Adhesive thickness 0.010 in. (0.25 mm). Liner material: 58# polycoated Kraft 0.004 in. (0.10 mm). Utilizes the high performance of  $3M^{TM}$  Adhesive 100MP. Has excellent long-term holding power. Ideal for use in many interior and exterior industrial applications. Used for Industrial Joining and Metal Fabrication. UL Listing 746C.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/adhesives

**LEED® Claim:** 

Use of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.0; CX v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - NC v2.0; CX v2.0 EQ Credit 4.1: Low-level of this product helps contribute to LEED® - N

Emitting Materials: Adhesives & Sealants.

**Environmental/Energy Advantage:** 

100% solids.



### 3M™ VHB™ Tape 4914

At only 10 mils thick, 3MTM VHBTM Tape 4914 is one of the thinnest double-coated foam tape in the 3M line. You get the high shear strength proven for more than 30 years in applications worldwide but with a low profile.

**Toll Free Number:** 1-800-362-3550 Website: www.3M.com/VHB

**LEED® Claim:** 

Use of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-

Emitting Materials: Adhesives & Sealants.

**Environmental/Energy Advantage:** 

100% solids. VOC's are less than 0.40% at 95C (203F); Volatiles (including water) are less than 0.60%

at 121C (250F).



# 3M™ VHB™ Tape 4915F

3M<sup>TM</sup> VHB<sup>TM</sup> Tape 4915F, general purpose acrylic adhesive, thickness 0.060 in. (1.5 mm), red PE film liner. It is colorless making it ideal for bonding transparent materials or for applications where a colored bond line is unacceptable. These tapes have somewhat lower peel, tensile and shear performance than most other VHB due to their inherent softness.

**Toll Free Number:** 1-800-362-3550 Website: www.3M.com/VHB

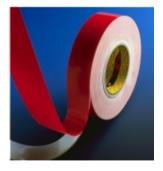
**LEED® Claim:** 

Use of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-

Emitting Materials: Adhesives & Sealants.

**Environmental/Energy Advantage:** 

100% solids. VOC's are less than 0.40% at 95C (203F); Volatiles (including water) are less than 0.60% at 121C (250F).



# 3M™ VHB™ Tapes 4611 Family

3M<sup>TM</sup> VHB<sup>TM</sup> Tape 4611 is a firm, double-sided, pressure-sensitive acrylic foam tape that bonds high surface energy substrates. This tape has excellent temperature resistance and is typically used to bond metal substrates with the added feature of high temperature resistance, making it often suitable for bonding prior to high temperature paint processing. This tape provides handling convenience, cushioning, damping and impact resistance. Available in dark gray. UL746C.

**Toll Free Number:** 1-800-362-3550 Website: www.3M.com/VHB

**LEED® Claim:** 

Use of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-Emitting Materials: Adhesives & Sealants.

**Environmental/Energy Advantage:** 

100% solids. VOC's are less than 0.40% at 95C (203F); Volatiles (including water) are less than 0.60% at 121C (250F).



### 3M™ VHB™ Tapes 4622 Family

3M<sup>TM</sup> VHB<sup>TM</sup> tape 4622 is a conformable, double-sided, pressure-sensitive, acrylic foam tape. This tape bonds high and medium-high surface energy substrates while providing handling convenience, cushioning, damping, and impact resistance. Available in white. Apply as low as 32° (0° C).

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/VHB

**LEED® Claim:** 

Use of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-

Emitting Materials: Adhesives & Sealants.

**Environmental/Energy Advantage:** 

100% solids. VOC's are less than 0.40% at 95C (203F); Volatiles (including water) are less than 0.60% at 121C (250F).



# 3M™ VHB™ Tapes 4910 Family

This family of clear tapes is excellent for applications where clear or colorless is desired. The general purpose adhesive on both sides can be used for high surface energy substrates. Clear, acrylic construction for joining transparent material.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/VHB

**LEED® Claim:** 

Use of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-Emitting Materials: Adhesives & Sealants.

**Environmental/Energy Advantage:** 

100% solids. VOC's are less than 0.40% at 95C (203F); Volatiles (including water) are less than 0.60% at 121C (250F).



# 3M™ VHB™ Tapes 4941 Family

This family of 3M<sup>TM</sup> VHB<sup>TM</sup> Tapes utilizes multi-purpose acrylic adhesive on both sides of conformable foam. The adhesive provides excellent adhesion to a broad range of high and medium surface energy substrates including metals, glass, and a wide variety of plastics, as well as plasticized vinyl. The conformable foam provides good contact, even with mismatched substrates. Available in gray and black. Gray, closed-cell acrylic foam carrier. Conformable. Good adhesion to many painted metals. Plasticizer resistant. UL 746C.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/VHB

**LEED® Claim:** 

Use of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-Emitting Materials: Adhesives & Sealants.

**Environmental/Energy Advantage:** 

100% solids. VOC's are less than 0.40% at 95C (203F); Volatiles (including water) are less than 0.60% at 121C (250F).



# 3M™ VHB™ Tapes 4945 Family

3M<sup>TM</sup> VHB<sup>TM</sup> tapes reliably bond metals, plastics and glass eliminating drilling and unsightly fasteners to enable creation of new material combinations and high impact visual designs. This family of tape has multi-purpose adhesive on both sides of firm foam. White, closed-cell acrylic foam carrier. Plasticizer resistant. UL 746C.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/VHB

**LEED® Claim:** 

Use of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-

Emitting Materials: Adhesives & Sealants.

#### **Environmental/Energy Advantage:**

100% solids. VOC's are less than 0.40% at 95C (203F); Volatiles (including water) are less than 0.60% at 121C (250F).



### 3M™ VHB™ Tapes 4950 Family

3M<sup>TM</sup> VHB<sup>TM</sup> 4950 tapes are a general purpose adhesive on both sides of firm type foam. This family is typically used on metal, glass and high surface energy plastic substrates. Available in white and black. Closed-cell acrylic foam carrier. All-purpose adhesive UL 746C.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/VHB

**LEED® Claim:** 

Use of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-

Emitting Materials: Adhesives & Sealants.

#### **Environmental/Energy Advantage:**

100% solids. VOC's are less than 0.40% at 95C (203F); Volatiles (including water) are less than 0.60% at 121C (250F).



# 3M™ VHB™ Tapes 4951 Family

This family of tapes is based around the low temperature appliable acrylic adhesive system, utilized on both firm and conformable foam types. These products can be used for high surface energy substrates. Available in white (firm foam) and gray (conformable foam).

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/VHB

**LEED® Claim:** 

Use of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.2; CI v2.0 EQ Credit 4.1: Low-level contribute to LEED® - NC v2.0 EQ Credit 4.1: Low-le

Emitting Materials: Adhesives & Sealants.

#### **Environmental/Energy Advantage:**

100% solids. VOC's are less than 0.40% at 95C (203F); Volatiles (including water) are less than 0.60% at 121C (250F).

# 3M™ VHB™ Tapes 4952 Family

3M<sup>TM</sup> VHB<sup>TM</sup> tapes reliably bond metals, plastics and glass eliminating drilling and unsightly fasteners to enable creation of new material combinations and high impact visual designs. This family of tapes utilizes the low surface energy adhesive on a firm foam. White, closed-cell acrylic foam carrier. Good adhesion to polypropylene and many powder paints.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/VHB

**LEED® Claim:** 

Use of this product helps contribute to LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-

Emitting Materials: Adhesives & Sealants.

#### **Environmental/Energy Advantage:**

100% solids. VOC's are less than 0.40% at 95C (203F); Volatiles (including water) are less than 0.60% at 121C (250F).

# 3M™ VHB™ Tapes 5952 Family

This family matches the modified acrylic adhesive on both sides of very conformable foam, providing adhesion to the broadest range of substrates, including most powder coated paints.

Dark gray, closed-cell acrylic foam carrier. Conformable. Good adhesion to many painted surfaces. UL 746C.

**Toll Free Number:** 1-800-362-3550 **Website:** www.3M.com/VHB

**LEED® Claim:** 

Use of this product helps comply with LEED® - NC v2.2; CI v2.0, C&S v2.0 EQ Credit 4.1: Low-Emitting Materials: Adhesives & Sealants.

#### **Environmental/Energy Advantage:**

100% solids. VOC's are less than 0.40% at 95C (203F); Volatiles (including water) are less than 0.60% at 121C (250F).



#### **Backlit Signs**

#### 3M™ Envision™ Translucent and Diffuser Films

You no longer need to add more LEDs to get the level of brilliance you want. Now you can deliver rich, vibrant signs without hot spots when you use the NEW 3M<sup>TM</sup> Envision<sup>TM</sup> Translucent Films and 3M<sup>TM</sup> Envision<sup>TM</sup> Diffuser Films. Get great graphics requiring fewer LEDs, using less energy. The switch to LEDs is on, so lead the way and offer your customers a brilliant solution.

Toll Free Number: 1-800-328-3908 Website: www.3MGraphics.com Environmental/ Energy Advantage:

Most graphics using film series 3730 on diffuser film 3735-50 provide more light transmission than other graphics using 3M<sup>TM</sup> Scotchcal<sup>TM</sup> Translucent Film Series 3630 on 3M<sup>TM</sup> Diffuser Film 3635-30. See the Product Bulletin 3630/3730 for details.



### 3M™ Light Enhancement Film 3635-100

3M<sup>TM</sup> Light Enhancement Film 3635-100 is a 5.5 mil film with a patented matte white diffuse reflective surface. It provides more than 94% reflectivity for increased light output and greater sign luminance, improving lighting efficiency, which may result in energy savings. Use it to cover all interior opaque surfaces within single-sided, internally illuminated cabinets such as signs and light boxes, channel letters, informational graphic light boxes, vending and dispensing machines and more. It can be electronically cut and thermoformed. Refer to 3M Product Bulletin 3635-100 for complete details.

**Toll Free Number:** 1-800-328-3908 **Website:** www.3MGraphics.com

**LEED® Claim:** 

Use of this product helps comply with LEED®2009 NC- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1: (Optimize Energy Performance); CI- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1.1: (Optimize Energy Performance); CS- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1; EB O&M- EA Prerequisite 2, (Minimum Energy Performance); EA Credit 1.

#### **Environmental/Energy Advantage:**

Use of this film can eliminate painting and VOC emissions from the painting process. In addition, it increases available light to allow sign manufacturers to decrease lighting components, resulting in less energy use.



### Large Format Graphics

### 3M™ Controltac™ Graphic Film AF1000ES

3M<sup>TM</sup> Controltac<sup>TM</sup> Graphic Film AF1000ES is a 2-mil film made of a durable and flexible acrylic material. It provides multi-printable graphics (electrostatic and silk screen printing) film for an outdoor sign market. Durability is the same as current cast PVC films. This film has excellent conformability over corrugations and rivets. Sold only in Japan.

Website: http://www.mmm.co.jp/cg/

#### **Environmental/Energy Advantage:**

Use of graphic films instead of paint can eliminate VOC emissions from the painting process. This graphic film meets flammability performance requirements only with overlaminate film SP4114 or IJ4114 for certain building and transit applications.



# Large Format Graphics

# 3M<sup>™</sup> Controltac<sup>™</sup> Graphic Film with Comply<sup>™</sup> Adhesive 3545C and 3M<sup>™</sup> Scotchcal<sup>™</sup> Overlaminates 8908 and 8909

3M<sup>TM</sup> Controltac<sup>TM</sup> Graphic Film with Comply<sup>TM</sup> Adhesive Films 3545C and RG3545C are 4-mil films with a slideable and repositionable, pressure-activated adhesive with air release channels for fast and easy application. These films, which are removable, are ideal for medium-term graphics for fleet or commercial vehicles and indoor or outdoor graphic applications. They are designed for screen printing, piezo inkjet printing and electrostatic imaging. Overlaminates provide indoor and outdoor graphics protection against the elements, including defense against damaging UV rays. Overlaminate 8908 has a luster finish and overlaminate 8909 has a matte finish.

**Toll Free Number:** 1-800-328-3908 **Website:** www.3MGraphics.com

LEED® Claim:

When used for refurbishment applications, use of this product helps contribute to LEED® CI v2.0- MR credit 1.2, 1.3 (Building Reuse); CI v2.0- MR credit 3.1, 3.2, 3.3 (Resource Reuse); and LEED® NC v2.2-MR 1.3, 3.1, 3.2. Refer to 3M Product and Instruction Bulletins for recommended end uses and instructions on how to process and apply graphic film.

#### **Environmental/Energy Advantage:**

Use of graphic films instead of paint can eliminate VOC emissions from the painting process. These graphic films meet flammability performance requirements for certain building and transit applications. These are polyolefin films.



#### 3M<sup>™</sup> Envision<sup>™</sup> Wrap Films

3M has invented a new graphic film technology that will change how you do business. We kept the 3M innovations you know and love: excellent print quality, slideability, snap-up (repositionability), heated film recovery, and Comply<sup>TM</sup> v3 Adhesive air release channels. Then we developed more. A lot more. Better conformability and lifting resistance. Even easier installs. Faster removals. With patent-pending 3M<sup>TM</sup> Envision<sup>TM</sup> Wrap Films, you can handle projects with confidence — no matter how challenging.

**Toll Free Number:** 1-800-328-3908

Website: www.3MGraphics.com/EnvisionWrap

**LEED® Claim:** 

Use of this film helps contribute to LEED® tCl v2.0 - MR credit 1.2, 1.3 (Building Reuse); Cl v2.0 - MR credit 3.1, 3.2, 3.3 (Resource Reuse); and LEED® NC v2.2 - MR 1.3, 3.1, 3.2 when used to make graphic films that can be used for refurbishment applications.

#### **Environmental/Energy Advantage:**

3M<sup>TM</sup> Envision<sup>TM</sup> Wrap Films are:

- Non-PVC
- Phthalate-free
- · Made in part with bio-based materials
- Manufactured using 60% less solvent
- · Made without chlorine or other halogens added

For additional information on these environmental benefits, please visitwww.3MGraphics.com/Sustainability



### 3M™ Piezo Inkjet UV Curable Inks

These UV curable inks are durable, weather resistant and have excellent color retention. They are highly flexible and conformable, even on complex curves and rivets.  $3M^{TM}$  Piezo Inkjet UV curable inks are available for several digital printers and are backed by the  $3M^{TM}$  MCS<sup>TM</sup> Warranty. Please see our website for more details.

Toll Free Number: 1-800-328-3908 Website: www.3MGraphics.com Environmental/ Energy Advantage:

Use of UV inks can eliminate VOC emissions associated with solvent inks.



#### 3M™ Scotchcal™ Film VF8000SCL and VF3000SCL Series

3M<sup>TM</sup> Scotchcal<sup>TM</sup> Film series VF8000SCL and VF3000SCL is a 2-mil colored urethane film with a self cleaning (SCL) surface. This film provides a colored film alternative to paint for an outdoor signage market. VF8000SCL is opaque marking film and VF3000SCL is transparent marking film for backlit signage. Sold only in Japan.

Website: http://www.mmm.co.jp/cg/

#### **Environmental/Energy Advantage:**

Use of graphic films instead of paint can eliminate VOC emissions from the painting process. This graphic film meets flammability performance requirements for certain building and transit applications. In addition it can reduce cleaning time because of a self-cleaning surface.



### 3M™ Scotchcal™ Paint Film

3M<sup>TM</sup> Scotchcal<sup>TM</sup> Paint Film is very flexible acrylic based graphics film for an exterior rough wall decoration. This film has an excellent conformability over rough wall substrates with only pressure. The inkjet printers are available to provide a digital graphics image. Durability is the same as current PVC film. Sold only in Japan.

Website: http://www.mmm.co.jp/cg/

#### **Environmental/Energy Advantage:**

Use of graphics films instead of paint can eliminate VOC emissions from the painting process. This is an acrylic film.

# 3M<sup>™</sup> Screen Printing UV Curable Inks and 3M<sup>™</sup> Screen Printing UV Curable Clears

3M<sup>TM</sup> Screen Printing UV curable inks are high performance, ultraviolet-curable ink systems used to print multicolor graphics on a wide variety of 3M graphic films. Available inks include transparent, opaque and four color process inks for use on indoor or outdoor graphics. When protected with selected 3M clears, these inks produce tough, flexible, graphic coatings that are weather, chemical and abrasion resistant. They also have superior performance on difficult application surfaces, including corrugated and riveted surfaces. Refer to 3M Product Bulletins for complete details.

Toll Free Number: 1-800-328-3908 Website: www.3MGraphics.com Environmental/ Energy Advantage:

Use of UV inks can eliminate VOC emissions associated with solvent inks.



# Large Format Graphics

# IJ5363 Polyester-based Inkjet Media

IJ5363 Polyester-based Inkjet Media is a graphic media for solvent inkjet systems. This product has a ink receptor layer for solvent inks. The high gloss appearance and highly transparent feature allow this film to be applied onto glass surfaces. It is also removable from glass for short-term application. This product is to be used together with IJ4121 overlaminating film with solvent inkjet system. Sold only in Japan.

Website: http://www.mmm.co.jp/cg/ Environmental/ Energy Advantage:

#### 3M<sup>™</sup> Advanced Polarizing Film

This film recycles and recovers light that is otherwise absorbed by the panel to increase the amount of light transmitted to the viewer by 30 to 40 percent.

Website: www.3M.com/displayfilms Environmental/ Energy Advantage:

 $3M^{TM}$  APF increases the brightness and can conserve battery power as it can capture and recycle light generated by the source.

# 3M™ Brightness Enhancement Film

These prism films recycle and redirect light to manage the light output from the LEDs to the user of a consumer electronics device, and increase the brightness

Website: www.3M.com/displayfilms Environmental/ Energy Advantage:

Many of 3M's Brightness Enhancement Films have been reformulated to meet IPC halogen standard of 900 ppm bromine, 900 ppm chlorine, and 1500 ppm total bromine and chlorine.

# 3M™ Brightness Enhancement Film with Reflective Polarizer

3M BEF-RP combines the functions of a prism film and a reflective polarizer film into a single high-performance backlight film. These films enable handheld displays to be thin and bright. By combining the light angle and polarization management into a single, thin film, high brightness can be achieve while reducing the backlight thickness.

**Website:** www.3M.com/displayfilms **Environmental/ Energy Advantage:** 

 $3M^{TM}$  BEF-RP increase brightness and can conserve battery power because they capture and recycle light generated by the source.

# Optical Films

# 3M™ Dual Brightness Enhancement Film

These multilayer optical films have greater environmental stability for desktop displays and TV applications. 3M DBEF help manage light in three ways: angle, reflection and polarization. With these films, light is recycled until most of it gets to the viewer.

Website: www.3M.com/displayfilms

#### **Environmental/Energy Advantage:**

 $3M^{TM}$  DBEF improves backlight efficiency in LCD TVs by 32 to 52 percent, and provides total TV energy savings of up to 23 to 37 percent.

#### 3M™ Enhanced Diffuse Reflector

3M Enhanced Diffuse Reflector (EDR) films include a diffuse layer to improve front-of-screen cosmetic performance in larger displays. These films reduce the visibility of film waving within the backlight.

Website: www.3M.com/displayfilms

#### **Environmental/Energy Advantage:**

These films reduce the amount of light absorbed or wasted within a device by providing reflection to aid in light recycling.

# 3M™ Enhanced Specular Reflector

3M<sup>TM</sup> Enhanced Specular Reflector (ESR) films are the world's most reflective mirror. This film is a high performance, non-metallic, color neutral reflector which works synergistically with prisms and reflective polarizers to optimize light recycling in the backlight.

Website: www.3M.com/displayfilms

#### **Environmental/Energy Advantage:**

These films reduce the amount of light absorbed or wasted within a device by providing reflection to aid in light recycling.

# Vikuiti™ Rear Projection Films

Vikuiti<sup>TM</sup> Rear Projection screens are a flexible, self-adhesive film that can be applied to window or transparent partitions. The film easily cuts to different shapes and sizes and is fast to remove-leaving no adhesive residue. It can be integrated with other window graphics or can be applied to rigid clear acrylic panels to create portable displays.

Toll Free Number: 1-800-328-3908
Website: www.3M.com/lightingproducts
Environmental/ Energy Advantage:

Compared to other rear projection screens, you can use a less powerful projector to get the same impact, as this product offers improved contrast.



### Cleaning Sponges & Cloths

### Scotch-Brite<sup>™</sup> Extra Heavy Duty Pot 'n Pan Handler 88

The most aggressive scouring pad. Quickly removes stubborn dirt and grime from kitchen and maintenance equipment. Removes heavily encrusted baked-on food from pots and pans. For use in place of metal sponges.

**Toll Free Number:** 1-800-698-4595 **Website:** www.3M.com/foodservice

#### **LEED® Claim:**

Use of these products helps contribute to LEED® EB v2.0 - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB v2.0 IUOM Credit 1.1 - 1.4 Innovations in Upgrades, Operations and Maitenance, LEED® EB Operations & Maintenance - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB Operations & Maintenance - Innovation Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0 - MR Credit 7: Solid Waste Management - Ongoing Consumables, LEED® EB v3.0 - IO Credit 1: Innovation in Operations. LEED® EB O&M MR Credit 7

#### **Environmental/Energy Advantage:**

Scotch-Brite<sup>TM</sup> Hand Pads are engineered for high performance and durability. In side-by-side same product comparisons, Scotch-Brite<sup>TM</sup> Extra Heavy Duty Pot 'n Pan Scour Pad 88 is more aggressive than similar competitive pads removing two to three times as much baked-on food from cookware and dishes. Being more aggressive means that less effort is required and less time is needed to complete each cleaning operation.

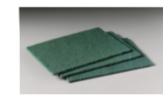
#### Scotch-Brite<sup>™</sup> General Purpose Scouring Pad 96

Synthetic scouring pad is excellent for common cleaning jobs. Performs well on kitchen equipment, walls, railings, floors, desks, stairways, counters and maintenance equipment.

**Toll Free Number:** 1-800-698-4595 **Website:** www.3M.com/foodservice

#### **LEED® Claim:**

Use of these products helps contribute to LEED® EB v2.0 - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB v2.0 IUOM Credit 1.1 - 1.4 Innovations in Upgrades, Operations and Maitenance, LEED® EB Operations & Maintenance - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB Operations & Maintenance - Innovation Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0 - MR Credit 7: Solid Waste Management - Ongoing Consumables, LEED® EB v3.0 - IO Credit 1: Innovation in Operations. LEED® EB O&M MR Credit 7



#### **Environmental/Energy Advantage:**

Scotch-Brite<sup>TM</sup> Hand Pads are engineered for high performance and durability. In side by side same product comparisons, 3M Scotch-Brite<sup>TM</sup> General Purpose Scouring Pad 96 scours two to three times faster and is two to three times more durable than comparable medium-duty green scouring pads. Longer life, washability and reusability all lead to extended pad life and postponing disposal into landfills.

#### Scotch-Brite<sup>™</sup> Greener Clean Non-Scratch Scour Pads

50% of the scrubbing fibers in the Scotch-Brite™ Greener Clean Non-Scratch Scour Pad are made from agave plant.

**Toll Free Number:** 1-800-698-4595 **Website:** www.3M.com/foodservices

#### **LEED® Claim:**

Use of these products helps contribute to LEED® EB v2.0 - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB v2.0 IUOM Credit 1.1 - 1.4 Innovations in Upgrades, Operations and Maitenance, LEED® EB Operations & Maintenance - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB Operations & Maintenance - Innovation Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0 - MR Credit 7: Solid Waste Management - Ongoing Consumables, LEED® EB v3.0 -IO Credit 1: Innovation in Operations. LEED® EB O&M MR Credit 7



Scotch-Brite® Greener Clean Non-Scratch Scour Pads are made from 50% agave plant. The packaging is made from 100% post-consumer recycled content.



#### Scotch-Brite<sup>™</sup> Griddle Polishing Pad 46

An integral part in the Scotch-Brite<sup>TM</sup> Quick Clean Griddle Cleaning System and Scotch-Brite<sup>TM</sup> Griddle Cleaning System 461. Adds final polish to help make future cleaning easier.

**Toll Free Number:** 1-800-626-8578 **Website:** www.3M.com/foodservice

**LEED® Claim:** 

Use of these products helps contribute to LEED® EB v2.0 - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB v2.0 IUOM Credit 1.1 - 1.4 Innovations in Upgrades, Operations and Maitenance, LEED® EB Operations & Maintenance - MR Credit 5.1-5.3 Occupant Recycling, LEED® EB Operations & Maintenance - Innovation Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0 - MR Credit 7: Solid Waste Management - Ongoing Consumables, LEED® EB v3.0 - IO Credit 1: Innovation in Operations. LEED® EB O&M MR Credit 7

#### **Environmental/Energy Advantage:**

Scotch-Brite<sup>TM</sup> Hand Pads are engineered for high performance and durability. In side-by-side same product comparisons, Scotch-Brite<sup>TM</sup> Griddle Polishing Pad 46 is more aggressive than similar competitive pads removing two to four times as much baked-on food from cookware and dishes. Being more aggressive means that less effort is required and less time is needed to complete each cleaning operation.



#### Scotch-Brite<sup>™</sup> High Performance Cleaning Cloths

Efficient cleaning tool consisting of microfibers in a unique knit pattern. The Scotch-Brite<sup>TM</sup> High Performance Cleaning Cloth may be used dry or damp, with or without cleaning chemicals.

**Toll Free Number:** 1-800-698-4595 **Website:** www.3M.com/foodservice

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- ID Credit 1.1 Innovation in Operation & Upgrades LEED® EB Operations & Maintenance - Innovation Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0 - IO Credit 1: Innovation in Operations.

#### **Environmental/Energy Advantage:**

 $Cleans\ most\ surfaces\ without\ chemical\ cleaners.\ Washable\ and\ reuseable,\ creating\ less\ waste\ than\ disposible\ products.$ 



# Scotch-Brite™ Quick Clean Griddle Cleaning System Starter Kit 710

A complete system for cleaning commercial griddles. This system is faster, safer and easier than traditional griddle cleaning products. Each kit contains 10 packets Scotch-Brite<sup>TM</sup> Quick Clean Griddle Liquid 700-40, one Scotch-Brite<sup>TM</sup> Multi-Purpose Pad Holder 405-R, 10 Scotch-Brite<sup>TM</sup> Griddle Polishing Pad 46, one Scotch-Brite<sup>TM</sup> Squeegee 410, and one product use video.

**Toll Free Number:** 1-800-698-4595 **Website:** www.3M.com/foodservice

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- ID Credit 1.1 Innovation in Operation & Upgrades LEED® EB Operations & Maintenance - Innovation Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0 - IO Credit 1: Innovation in Operations.

#### **Environmental/Energy Advantage:**

The Scotch-Brite<sup>TM</sup> Quick Clean Griddle Cleaning System contains no caustic soda and is formulated with ingredients that are explicitly listed as "Generally Recognized as Safe" (GRAS) in food by the U.S. FDA. The formulation and intended application of the product has also been reviewed by a third party law firm specializing in food contact regulations, and when used as directed, can be said to fully comply with all applicable US Food Additive regulations. The long-handle design of the Scouring Pad Holder and Squeegee sold with this kit can also help reduce the chance for burns by keeping the users hands away from the hot griddle surface.



### Restaurant Solutions

#### Scotch-Brite™ Quick Clean Griddle Liquid 701

A powerful griddle cleaning liquid that is safe for use on food contact surfaces. Loosens and lifts carbonized grease and food soil upon contact on a hot griddle for easy removal. No strong chemical odors or irritating fumes. Formulation does not contain caustic soda found in other griddle cleaning chemicals.

**Toll Free Number:** 1-800-698-4595 **Website:** www.3M.com/foodservice

**LEED® Claim:** 

Use of this product helps contribute to LEED® EB v2.0- ID Credit 1.1 Innovation in Operation & Upgrades LEED® EB Operations & Maintenance - Innovation Credit 1.1- 1.4: Innovation in Operations, LEED® EB v3.0 - IO Credit 1: Innovation in Operations.

#### **Environmental/Energy Advantage:**

The Scotch-Brite™ Quick Clean Griddle Liquid contains no caustic soda and is formulated with ingredients that are explicitly listed as "Generally Recognized as Safe" (GRAS) in food by the U.S. FDA. The formulation and intended application of the product has also been reviewed by a third party law firm specializing in food contact regulations, and when used as directed, can be said to fully comply with all applicable US Food Additive regulations.

# 3M<sup>™</sup> Retroreflective Authentication Products with Covert Black Holographic Technology

3M<sup>TM</sup> Retroreflective Authentication Products use holography and proprietary retroreflective technology to deliver a secure, visually attractive solution, combining easily authenticated overt and covert security features. The overt security feature is a unique, black hologram, which allows the user to see variable images at different viewing angles. The covert security feature utilizes retroflective technology to reflect a secure covert image when illuminated with a focused light source. The covert features are authenticated only by those with the proper training and tools. Typical applications of 3M<sup>TM</sup> Retroreflective Authentication Products include securing electronics, pharmaceuticals, and other high value products. Typical formats include pressure sensitive labels or security strips on various label stocks. 3M<sup>TM</sup> Retroreflective Authentication Products can help companies increase their sales and profits by helping to reduce counterfeiting, diversion, and warranty fraud. Most importantly, they can help protect a company's most valuable assets – their customers, reputation, and brands.

Website: www.3M.com/securitysystems

#### **Environmental/Energy Advantage:**

This product meets EU RoHS Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC on maximum concentration values. "RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M Company in writing, this information represents 3M Company Security Systems Division's knowledge and belief.



### 3M<sup>™</sup> Tamper Indicating Products

3MTM Tamper Indicating Products include a variety of 3M proprietary technologies that provide security and tamper indication. The products discourage tampering by displaying an easily identifiable and irreversible change when removal or alteration occurs. 3MTM Tamper Indicating Products make alterations visible using hidden printed messages, delaminating layers, color changes, checkerboard destruct patterns, or fragile substrates. These technologies may be used on their own or in combination with other overt and covert security features to deliver multiple layers of security. The clear indication of tampering requires minimal training to recognize. Typical applications of 3MTM Tamper Indicating Products include securing electronics, pharmaceuticals, shipping containers, airplane access panels, and other high value products. 3MTM Tamper Indicating Products are sold as stand alone pressure sensitive labels or as the base stock of a layered security solution. 3MTM Tamper Indicating Products can help companies increase their sales and profits by helping to reduce tampering, theft, and substitution. Most importantly, they can help protect a company's most valuable assets – their customers, reputation, and brands.

Website: www.3M.com/securitysystems

#### **Environmental/Energy Advantage:**

This product meets EU RoHS Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC on maximum concentration values. "RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M Company in writing, this information represents 3M Company Security Systems Division knowledge and belief based on information provided by third party suppliers to 3M Company.

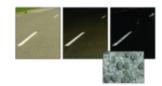


#### 3M™ All Weather Paint

3M<sup>TM</sup> All Weather Paint provides increased durability and enhanced visibility. It uses a high-build resin and all weather optics that perform in wet/dry conditions. As weather conditions change, the wet or dry reflective components automatically take over the task of providing retroreflectivity. This enables 3M<sup>TM</sup> All Weather Paint to provide guidance to motorists in all weather conditions.

Toll Free Number: 1-800-553-1380 Website: www.3M.com/roadwaysafety Environmental/ Energy Advantage:

Volatile Organic Compound (VOC) level of less than 100 grams VOC/liter is considerably lower than the limit in the National Architectural Coating Regulation (150 grams VOC/liter). High durability reduces the need for frequent reapplications required by traditional paints. A new optics approach that enables motorists to navigate the road in dry and wet conditions.



#### 3M<sup>™</sup> All Weather Thermoplastic

3M<sup>TM</sup> All Weather Thermoplastic is a traffic marking system consisting of a high performance thermoplastic and 3M bonded core elements. An accompanying second drop of glass beads completes the system. Designed for use as long line markings, all weather thermoplastic delivers exceptional retroreflectivity in wet and dry road conditions.

Toll Free Number: 1-800-553-1380
Website: www.3M.com/roadwaysafety
Environmental/ Energy Advantage:

 $3M^{TM}$  All Weather Thermoplastic is produced without the use of lead chromate or arsenic. Use of this product results in minimal packaging waste as the container bags are actually incorporated into the pavement marking.

# 3M<sup>™</sup> Diamond Grade<sup>™</sup> Conspicuity Markings Series 983

Highly reflective prismatic lens sheeting with pressure sensitive adhesive for application to sides and rear of large trucks, trailers and other vehicles to increase their visibility, especially when the vehicle is turning or crossing roadways. Meets or exceeds all FMVSS 108 requirements and includes the DOT-C2 certification mark. Available in solid white, red/white, solid yellow and solid red.

Toll Free Number: 1-800-553-1380 Website: www.3M.com/roadwaysafet Environmental/ Energy Advantage:

The product is constructed by laminating layers of material with minimal use of solvents or emissions. The long service life minimizes sign replacement and disposal costs.



### 3M™ Diamond Grade™ DG3 Reflective Sheeting

3MTM Diamond GradeTM DG3 Reflective Sheeting provides higher luminance values than all other sheeting types at the distance most critical to drivers at 500 feet and closer. 3M™ Diamond Grade™ DG³ Reflective Sheeting performs at the optimal level to counteract changes in today's driving environment. It is more visible to aging drivers, more effectively reflects low-emitting VOA headlamps, more efficient to accommodate wide observation and entrance angles, outstanding target value performance, greatly increased retroreflectivity efficiency, performs at all sight distances and overcomes the challenge of disadvantaged signs. High initial and retained retroreflectivity at muliple viewing angles. Fluorescent colors for improved visibility in daytime, twilight, and inclement weather as well as well as at night.

**Toll Free Number:** 1-800-553-1380 Website: www.3M.com/roadwaysafety **Environmental/Energy Advantage:** 

The product is constructed by laminating layers of material with minimal use of solvents or emissions. The long service life minimizes sign replacement and disposal costs. May eliminate the need for external sign illumination (for example, on overhead guide signs). The product is designed to minimize environmental impacts from manufacturing to disposal. The manufacturing process for 3M's Prismatic Sheetings reduces VOC emissions by 97 percent, energy consumption by 77 percent and solid waste by 46 percent compared to encapsulated lens sheeting manufacturing processes.



# 3M™ Diamond Grade™ Fluorescent Roll-up Sign Sheeting

Microprismatic fluorescent reflective sheeting for the production of roll-up work zone traffic control signs. Contact TSS Customer Service for ordering information, 1-800-553-1380.

**Toll Free Number:** 1-800-553-1380 Website: www.3M.com/roadwaysafety **Environmental/Energy Advantage:** 

The product is constructed by laminating layers of material with minimal use of solvents or emissions. The long service life minimizes sign replacement and disposal costs.



### 3M™ Diamond Grade™ Unmounted Letters, Numbers, Borders and Radius Corners

Cut out letters, numbers, borders, arrows, and other precut components for the production of high quality signs made with reflective sheeting.

**Toll Free Number:** 1-800-553-1380 Website: www.3M.com/roadwaysafety **Environmental/Energy Advantage:** 

This product is made with a low-solvent or solvent-free process. Signs can be produced in the sign shop with low-solvent or solvent-free process. Long service life minimizes sign replacement. High initial and retained retroreflectivity at multiple viewing angles.



#### 3M<sup>™</sup> Digital License Plate System

Thermal transfer imaging system for license plate production. 3M customized hardware and software make this a complete system for issuing license plates.

Toll Free Number: 1-800-553-1380 Website: www.3M.com/MVSS Environmental/ Energy Advantage:

No oven required for drying inks. No hazardous (solvent containing) waste. Custom imaging without exposure to solvents. Eliminating the use of overcoat clear saves time, reduces VOC emissions and reduces energy use necessary for oven-drying the overcoat clear.



# 3M™ Engineer Grade Prismatic Reflective Sheeting Series 3430

3M<sup>TM</sup> Engineer Grade Prismatic Reflective Sheeting Series 3430 meets ASTM D4956 Type I and is a non-metalized micro-prismatic lens retroreflective sheeting designed for production of reflective commercial signs and noncritical traffic control signs that are exposed vertically in service.

Toll Free Number: 1-800-553-1380 Website: www.3M.com/roadwaysafety Environmental/ Energy Advantage:

3M's manufacturing processes for prismatic sheeting reduce VOC emissions by 97% and energy consumption by 72% compared to standard engineer grade sheeting processes.



# 3M™ High Intensity Prismatic Reflective Sheeting

Non-metalized microprismatic lens reflective sheeting designed for production of reflective durable traffic control signs, work zone devices and delineators that are exposed vertically in service. Provides long-term reflectivity and durability with an improved optical package to increase nighttime safety. Its unique prismatic construction provides a high level of retroreflectivity for multiple traffic control situations.

Toll Free Number: 1-800-553-1380
Website: www.3M.com/roadwaysafety
Environmental/ Energy Advantage:

The product is a construction of lamination layers with minimal solvent use or emissions. The long service life minimizes sign replacement and disposal costs. The product is designed to minimize environmental impacts from manufacturing to disposal. The manufacturing process for 3M's Prismatic Sheetings reduces VOC emissions by 97 percent, energy consumption by 77 percent and solid waste by 46 percent compared to encapsulated lens sheeting manufacturing processes.



### 3M™ Stamark™ High Performance Tape Series 380I ES

Durable, highly reflective, patterned pavement-marking tape containing ceramic beads and skid particles. Designed for use as lane lines, edge lines, symbols and legends.

Toll Free Number: 1-800-553-1380 Website: www.3M.com/roadwaysafety Environmental/ Energy Advantage:

Low volatile organic compound emissions when applied without the use of additional liquid adhesives. Product is applied rapidly with no significant VOC emissions on new asphalt road surfaces. Consult Traffic Safety Systems Division for appropriate application instructions/conditions. High initial and retained retroreflectivity. Produced without the use of lead chromate or arsenic.



# 3M™ Stamark™ High Performance Wet Reflective Tape Series 380AW

3M<sup>TM</sup> Stamark<sup>TM</sup> High Performance Wet Reflective Tape Series 380AW provides the positive guidance drivers need to safely navigate today's roadway environment day or night, in dry conditions or in rain. May be used for lane and edge lines, channelizing lines, gore markings, transverse markings, and symbols and legends.

Toll Free Number: 1-800-553-1380
Website: www.3M.com/roadwaysafety
Environmental/ Energy Advantage:

Low volatile organic compound emissions when applied without the use of additional liquid adhesives. Product is applied rapidly with no significant VOC emissions on new asphalt road surfaces. Consult Traffic Safety Systems Division for appropriate application instructions/conditions. High initial and retained retroreflectivity. Produced without the use of lead chromate or arsenic.



# 3M™ Stamark™ Removable Black Line Mask Series 715

Removable, preformed, patterned, black pavement tape used to mask existing long lines and gore markings. Wide enough to cover existing markings with a single taped line. Performs for duration of construction season and is quickly, easily removed.

Toll Free Number: 1-800-553-1380 Website: www.3M.com/roadwaysafety Environmental/ Energy Advantage:

Low volatile organic compound emissions. Offers energy savings in the work zone as there is no need to remove the existing marking by grinding and no need to repaint or retape the marking when the lane change returns to the original design. Consult Traffic Safety Systems Division for appropriate application instructions/conditions. Produced without the use of lead chromate or arsenic.



#### 3M<sup>™</sup> Stamark<sup>™</sup> Wet Reflective Removable Tape 710

Reflective conformable pavement marking material intended for longitudinal line applications in highway construction work zones where removability is required. Remains visible in rain conditions. The tape is designed to perform for the duration of the normal construction season.

Toll Free Number: 1-800-553-1380 Website: www.3M.com/roadwaysafety Environmental/ Energy Advantage:

Low volatile organic compound emissions when applied without the use of additional liquid adhesives. Product is applied rapidly with no significant VOC emissions on new asphalt road surfaces. Consult Traffic Safety Systems Division for appropriate application instructions/conditions. High initial and retained retroreflectivity. Produced without the use of lead chromate or arsenic.



### 3M™ Thermal Imaging System VP5000

3M<sup>TM</sup> Thermal Imaging System VP5000 is a computer-driven system to economically print bar codes, vehicle plate numbers and VIN numbers in consecutive or non-consecutive numerical order. 3M's thermal imaging table top systems print, laminate and cut roll goods into sheets or individual stickers – all with built in flexibility that allows for convenient printing of window or die-cut stickers. Use the 3M<sup>TM</sup> Thermal Imaging System VP5000 to produce stickers for validation, tax revenue and insurance, third-plate (license plate anti-theft), emission control, internal property (factory bar codes), water craft, parking, safety inspection, e-FAVs (window stickers with forms), validation stickers pre-tipped onto forms.

Toll Free Number: 1-800-553-1380 Website: www.3M.com/MVSS Environmental/ Energy Advantage:

Our Thermal Imaging System offers solvent-free thermal transfer printing which means no hazardous waste, and consequentially less environmental impact.



#### Adhesives & Sealants

# 3M™ Stamark™ Low VOC Surface Preparation Adhesive SPA60

 $3M^{TM}$  Stamark  $^{TM}$  Low VOC Surface Preparation Adhesive SPA60 is a high strength, sprayable liquid adhesive that can be used for outdoor pavement marking tape applications to enhance the adhesion of Stamark  $^{TM}$  pavement marking tapes, especially for marginal or difficult application conditions.

Toll Free Number: 1-800-553-1380 Website: www.3M.com/roadwaysafety Environmental/ Energy Advantage:

SPA60 is an effective supplemental pavement marking tape surface preparation adhesive with solvent levels far below all regulatory levels.

Cylinder spray: VOC Less H2O & Exempt Solvents is 0.35 lb/gal [Test Method: calculated SCAQMD rule 443.1]

Fragrance Free Bulk: VOC Less H2O & Exempt Solvents is 0 - 0.02 lb/gal [Test Method: calculated SCAQMD rule 443.1]



#### Transportation Solutions

#### **Traffic Signs**

#### 3M™ Custom Traffic Sign Faces

3M<sup>™</sup> Custom Traffic Sign Faces are made-to-order retroreflective sign faces digitally-printed with 3M UV-cured inkjet inks onto 3M<sup>™</sup> Diamond Grade<sup>™</sup> DG3 Reflective Sheeting featuring custom graphics, logos, and colors, as well as printed traffic colors. Digitally-printed sheeting is overlaid with 3M<sup>™</sup> ElectroCut<sup>™</sup> Film Series 1170 and, when applied to properly prepared sign substrates, signs provide long-term retroreflectivity and durability with superior visibility performance under most common nighttime viewing geometries encountered by the driving public.

Toll Free Number: 1-800-553-1380 Website: www.3M.com/roadwaysafety Environmental/ Energy Advantage:

The base sheeting is constructed by laminating layers of material with minimal use of solvents resulting in minimal emissions, and then imaged using UV-cured inks which have dramatically lower VOC emissions as compared to standard solvent based imaging methods. High retroreflectivity may eliminate the need for external sign illumination (for example, on airport directional signs or roadside tourism signs). Signs are designed to minimize environmental impacts from manufacturing to disposal. The manufacturing process for 3M's prismatic sheeting reduces VOC emissions by 97 percent, energy consumption by 77 percent and solid waste by 46 percent compared to encapsulated lens sheeting manufacturing processes.

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