

MATERIAL SAFETY DATA SHEET

Klean Strip Easy Liquid Sander

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FLAMMABILITY		1
PHYSICAL HAZ.		0
PPE		X



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Revision: 04/23/2010
Supersedes Revision: 07/31/2003

1. Product and Company Identification

Product Code: 515.1
Product Name: Klean Strip Easy Liquid Sander
Manufacturer Information
Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113
Phone Number: (901)775-0100
Emergency Contact: 3E 24 Hour Emergency Contact (800)451-8346
Information: W.M. Barr Customer Service (800)398-3892
Web site address: www.wmbarr.com
Preparer Name: W.M. Barr EHS Dept (901)775-0100
Intended Use: Paint Adhesion Product
Synonyms
QWN285

2. Hazards Identification

Emergency Overview

Caution! Harmful if swallowed. Eye irritant. Avoid contact with eyes, skin, and mucous membranes. Do not take internally. Use only with adequate ventilation.

OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

Health Hazards (Acute and Chronic)

This product has not been tested to determine health effects. The health effects listed below are associated with the individual ingredients listed in Section 3.

EYES: Can cause eye irritation. Symptoms include stinging, tearing, redness, swelling of the eyes, and blurred vision.

SKIN: Can cause skin irritation. Prolonged or repeated contact may dry the skin or cause discomfort and redness. Symptoms include redness, burning, drying and cracking of the skin. Burns may be possible from prolonged contact, especially if contact with the skin is under clothing or personal protective equipment. Individuals with sensitive skin may be more likely to develop skin irritation from contact.

INHALATION: Breathing small amounts during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits. May cause irritation of the respiratory tract, experienced as nasal discomfort, possibly with chest pain and coughing.

INGESTION: Moderately toxic. May cause stomach or intestinal upset or discomfort (nausea, vomiting, diarrhea). Aspiration hazard.

CHRONIC OVEREXPOSURE EFFECTS: Overexposure to individual components of this product suggest possible health effects of the liver, nasal damage, and blood disorders based on animal data.

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This product contains ~ 5% crystalline silica in the form of quartz. In respirable form, chronic overexposure can cause lung disease and silicosis. The silica in this product is not in respirable form. The silica is encapsulated, which should present no health hazard due to inhalation exposure.

TARGET ORGANS: liver, stomach/intestines, lungs

PRIMARY ROUTES OF ENTRY: inhalation, absorption

Signs and Symptoms Of Exposure

See Potential Health Effects.

Medical Conditions Generally Aggravated By Exposure

None known.

3. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Dimethyl glutarate	1119-40-0	5.0 -10.0 %
2. Dimethyl adipate	627-93-0	1.0 -5.0 %
3. Dimethyl succinate	106-65-0	1.0 -5.0 %
4. Ethylene glycol monopropyl ether {(a glycol ether)}	2807-30-9	7.0 -13.0 %
5. Octylphenoxyethoxyethanol	9036-19-5	1.0 -5.0 %
6. Quartz {Silica-crystalline; Cistobalite; Tridymite}	14808-60-7	3.0 -7.0 %

4. First Aid Measures

Emergency and First Aid Procedures

INHALATION:

If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.

SKIN CONTACT:

Immediately wash with soap and water. Seek medical attention if irritation from contact persists.

EYE CONTACT:

Immediately flush with water, remove any contact lens, and continue flushing with water for at least 15 minutes. Get medical attention immediately.

INGESTION:

Do not induce vomiting, unless directed to by medical personnel. Call your poison control center, hospital, emergency room, or physician immediately for instructions. Do not give anything by mouth to an unconscious person.

Note to Physician

Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5. Fire Fighting Measures

Flash Pt:

No data.

Explosive Limits:

LEL: No data.

UEL: No data.

Special Fire Fighting Procedures

None for this product. If involved in a fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

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Unusual Fire and Explosion Hazards

Ethylene glycol monopropyl ether may form peroxides of unknown stability when involved in a fire.

Hazardous Combustion Products

Oxides of carbon

Suitable Extinguishing Media

Non-combustible liquid - use extinguishing media for underlying cause of fire.

Unsuitable Extinguishing Media

None known.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled

Isolate the immediate area. Prevent unauthorized entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to compatible containers. For large spills, dike ahead of the spill.

7. Handling and Storage

Precautions To Be Taken in Handling

Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all waste regulations. Do not reuse this container.

Avoid contact with eyes, skin, and mucous membranes. Do not take internally.

Precautions To Be Taken in Storing

Keep container tightly closed when not in use. Store in a cool, dry place. Do not store near flames or at elevated temperatures.

8. Exposure Controls/Personal Protection

Hazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TLV	Other Limits
1. Dimethyl glutarate	1119-40-0	No data.	No data.	No data.
2. Dimethyl adipate	627-93-0	No data.	No data.	No data.
3. Dimethyl succinate	106-65-0	No data.	No data.	No data.
4. Ethylene glycol monopropyl ether {(a glycol ether)}	2807-30-9	No data.	No data.	No data.
5. Octylphenoxyethoxyethanol	9036-19-5	No data.	No data.	No data.
6. Quartz {Silica-crystalline; Cristobalite; Tridymite}	14808-60-7	8825 ppm/(%SiO ₂ +5)	0.05 mg/m ³ (R)	No data.

Respiratory Equipment (Specify Type)

For consumer use, use only with adequate ventilation. If strong odor is noticed or you experience slight dizziness - STOP - ventilation is inadequate. Leave area immediately.

For OSHA controlled workplace and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLVs. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirators for organic vapors. A dust mask does not provide protection against vapors.

Eye Protection

Wear chemical splash goggles to safeguard against potential eye contact, irritation, or injury.

Protective Gloves

For consumer use and when used as directed, usually none is required. People with sensitive skin should wear chemical resistant gloves, such as nitrile or latex rubber gloves.

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Other Protective Clothing

Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

Ventilation

Use only with adequate ventilation to prevent build-up of vapors. Open all windows and doors. Use only with a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea, or eye-watering - STOP - ventilation is not adequate. Leave area immediately and move to fresh air.

Work/Hygienic/Maintenance Practices

Wash hands thoroughly after use and before eating, drinking, or smoking.

Do not eat, drink, or smoke in the work area.

Facilities storing or handling this material should be equipped with an emergency eyewash and safety shower.

9. Physical and Chemical Properties

Physical States:	[] Gas	[X] Liquid	[] Solid
Melting Point:	No data.		
Boiling Point:	> 212.00 F		
Autoignition Pt:	No data.		
Flash Pt:	No data.		
Explosive Limits:	LEL: No data.	UEL: No data.	
Specific Gravity (Water = 1):	No data.		
Density:	8.6 LB/GL		
Bulk density:	No data.		
Vapor Pressure (vs. Air or mm Hg):	No data.		
Vapor Density (vs. Air = 1):	> 1		
Evaporation Rate (vs Butyl Acetate=1):	< 1		
Solubility in Water:	No data.		
Percent Volatile:	92.8 % by weight.		
Heat Value:	No data.		
Particle Size:	No data.		
Corrosion Rate:	No data.		
pH:	No data.		

Appearance and Odor

milky emulsion

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

No data available.

Incompatibility - Materials To Avoid

Incompatible with strong oxidizers, alkalies, and acids.

Hazardous Decomposition Or Byproducts

Decomposition may produce carbon monoxide and carbon dioxide.

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Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions

No data available.

11. Toxicological Information

This product has not been tested as a whole. Information below will be for individual ingredients.

Chronic Toxicological Effects

This product has not been tested as a whole. Information below will be for individual ingredients.

Carcinogenicity/Other Information

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Dimethyl glutarate	1119-40-0	n.a.	n.a.	n.a.	n.a.
2. Dimethyl adipate	627-93-0	n.a.	n.a.	n.a.	n.a.
3. Dimethyl succinate	106-65-0	n.a.	n.a.	n.a.	n.a.
4. Ethylene glycol monopropyl ether {(a glycol ether)}	2807-30-9	n.a.	n.a.	n.a.	n.a.
5. Octylphenoxypolyethoxyethanol	9036-19-5	n.a.	n.a.	n.a.	n.a.
6. Quartz {Silica-crystalline; Cistobalite; Tridymite}	14808-60-7	Known	2B	A2	n.a.

12. Ecological Information

No information available for this product as a whole.

13. Disposal Considerations

Waste Disposal Method

Dispose of in accordance with local, state, and federal laws.

Do not place material in general trash.

Do not allow material to enter bodies of water or sewers.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name Paint Related Material

Additional Transport Information

For D.O.T. information, contact W.M. Barr Technical Services at 1-800-398-3892.

The shipper/supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

15. Regulatory Information

US EPA SARA Title III

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. Dimethyl glutarate	1119-40-0	No	No	No	No
2. Dimethyl adipate	627-93-0	No	No	No	No
3. Dimethyl succinate	106-65-0	No	No	No	No
4. Ethylene glycol monopropyl ether {(a glycol ether)}	2807-30-9	No	No	Yes-Cat. N230	No

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Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
5. Octylphenoxypolyethoxyethanol	9036-19-5	No	No	No	No
6. Quartz {Silica-crystalline; Cistobalite; Tridymite}	14808-60-7	No	No	No	No

US EPA CAA, CWA, TSCA

Hazardous Components (Chemical Name)	CAS #	EPA CAA	EPA CWA NPDES	EPA TSCA	CA PROP 65
1. Dimethyl glutarate	1119-40-0	HAP, ODC ()	No	Inventory, 4 Test, 12(b)	No
2. Dimethyl adipate	627-93-0	HAP, ODC ()	No	Inventory, 4 Test, 12(b)	No
3. Dimethyl succinate	106-65-0	HAP, ODC ()	No	Inventory, 4 Test, 12(b)	No
4. Ethylene glycol monopropyl ether {(a glycol ether)}	2807-30-9	HAP, ODC ()	No	Inventory	No
5. Octylphenoxypolyethoxyethanol	9036-19-5	HAP, ODC ()	No	Inventory, 8A PAIR	No
6. Quartz {Silica-crystalline; Cistobalite; Tridymite}	14808-60-7	HAP, ODC ()	No	Inventory	No

SARA (Superfund Amendments and Reauthorization Act of 1986) Lists:

Sec.302:	EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.
Sec.304:	EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ.
Sec.313:	EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.
Sec.110:	EPA SARA 110 Superfund Site Priority Contaminant List

TSCA (Toxic Substances Control Act) Lists:

Inventory:	Chemical Listed in the TSCA Inventory.
5A(2):	Chemical Subject to Significant New Rules (SNURS)
6A:	Commercial Chemical Control Rules
8A:	Toxic Substances Subject To Information Rules on Production
8A CAIR:	Comprehensive Assessment Information Rules - (CAIR)
8A PAIR:	Preliminary Assessment Information Rules - (PAIR)
8C:	Records of Allegations of Significant Adverse Reactions
8D:	Health and Safety Data Reporting Rules
8D TERM:	Health and Safety Data Reporting Rule Terminations
12(b):	Notice of Export

Other Important Lists:

CWA NPDES:	EPA Clean Water Act NPDES Permit Chemical
CAA HAP:	EPA Clean Air Act Hazardous Air Pollutant
CAA ODC:	EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)
CA PROP 65:	California Proposition 65

International Regulatory Lists:

EPA Hazard Categories:

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

[X] Yes [] No Acute (immediate) Health Hazard
 [] Yes [X] No Chronic (delayed) Health Hazard
 [] Yes [X] No Fire Hazard
 [] Yes [X] No Sudden Release of Pressure Hazard
 [] Yes [X] No Reactive Hazard

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16. Other Information

Company Policy or Disclaimer

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.