



BENWOOD® STAYS CLEAR® ACRYLIC POLYURETHANE LOW LUSTRE 423

Features

- Does not yellow like solvent based varnishes & polyurethanes.
- Tintable to many decorative shades.
- Quick dry and re-coat.
- Soap and water clean up.

General Descriptions

A premium quality product that combines the attributes of polyurethane and acrylic to produce a clear, durable, non-yellowing finish. Dries quickly and with low odor. Finished surface provides high resistance to abrasion and protection against alcohol, water, and most household chemicals and stains.

Recommended For

Applicable for new or previously painted, stained, or varnished interior wood surfaces including floors. Can also be used as a protective coating over previously painted surfaces.

Limitations

- Do not apply when air and surface temperatures are below 50° F (10° C)

Product Information

<p>Colors — Standard: Clear (May be tinted with up to 2.0 fl. oz. Benjamin Moore® Color Preview® colorants per gallon.)</p>	<p>Technical Data \diamond Low Lustre</p> <table border="1"> <tr> <td>Vehicle Type</td> <td>Acrylic Polyurethane</td> </tr> <tr> <td>Pigment Type</td> <td>None</td> </tr> <tr> <td>Volume Solids</td> <td>28%</td> </tr> </table>	Vehicle Type	Acrylic Polyurethane	Pigment Type	None	Volume Solids	28%														
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<p>— Special Colors: Contact your Benjamin Moore & Co. representative</p>	<p>Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint. Allow final coat to harden 24 hours before subjecting to normal floor traffic</p>																				
<p>Certification:</p> <p>VOC compliant in all regulated areas</p> <p>Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84</p> <p>Master Painters Institute MPI #'s 121 & 129</p> <div data-bbox="662 1354 889 1507" style="border: 2px solid green; padding: 5px; text-align: center;"> <p>Qualifies for LEED® Credit (INTERIOR CLEAR WOOD FINISHES)</p> </div>	<table border="1"> <tr> <td>Dry Time @ 77° F (25° C) @ 50% RH</td> <td>– To Touch ½ Hour – To Recoat 3 Hours</td> </tr> <tr> <td colspan="2">Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times.</td> </tr> <tr> <td>Dries By</td> <td>Evaporation, Coalescence</td> </tr> <tr> <td>Viscosity</td> <td>72 ± 2 KU</td> </tr> <tr> <td>Flash Point</td> <td>None</td> </tr> <tr> <td>Gloss / Sheen</td> <td>Low Lustre</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min. 40° F – Max 90° F</td> </tr> <tr> <td>Thin With</td> <td>Clean Water</td> </tr> <tr> <td>Clean Up Thinner</td> <td>Clean Water</td> </tr> <tr> <td>Weight Per Gallon</td> <td>8.6 lbs</td> </tr> </table>	Dry Time @ 77° F (25° C) @ 50% RH	– To Touch ½ Hour – To Recoat 3 Hours	Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times.		Dries By	Evaporation, Coalescence	Viscosity	72 ± 2 KU	Flash Point	None	Gloss / Sheen	Low Lustre	Surface Temperature at Application	– Min. 40° F – Max 90° F	Thin With	Clean Water	Clean Up Thinner	Clean Water	Weight Per Gallon	8.6 lbs
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<p>Technical Assistance:</p> <p>Available through your local authorized independent Benjamin Moore® retailer. For the location of the retailer nearest you, call 1-800-826-2623, see www.benjaminmoore.com, or consult your local Yellow Pages.</p>	<table border="1"> <tr> <td>Storage Temperature</td> <td>– Min. 40° F – Max 90° F</td> </tr> <tr> <td colspan="2">Volatile Organic Compounds (VOC)</td> </tr> <tr> <td>270 Grams/Liter</td> <td>2.25 lbs./Gallon</td> </tr> </table>	Storage Temperature	– Min. 40° F – Max 90° F	Volatile Organic Compounds (VOC)		270 Grams/Liter	2.25 lbs./Gallon														
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\diamond Reported values are for Clear. Contact Benjamin Moore & Co for values of other bases or colors.

Benwood® Stays Clear® Acrylic Polyurethane Low Lustre 423

Surface Preparation

Surfaces to be finished must be free from wax, dirt, grease, dust, and other contaminants. Glossy surfaces must be dulled with sandpaper or synthetic steel wool. **Do not use steel wool loose fibers will cause rusting in the finish coat.** Open grained woods such as oak or mahogany that will be subject to water or liquid spills should be filled with Benwood® Interior Wood Finishes Wood Grain Filler (238) according to label instructions. Apply Benwood® Interior Wood Finishes Penetrating Stain (234) as needed.

Note: The application of this or any clear acrylic finish over fresh alkyd coatings may cause yellowing of the basecoat.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Primer/Finish Systems

Raw Wood: New interior wood must be sanded smooth. Use fine sandpaper following the grain of the wood to achieve a smooth finish. Stays Clear® may be used as both the sealer and finish on raw wood. Allow sufficient dry time before sanding lightly and applying topcoats.

Sealer: 1 coat Stays Clear® Acrylic Polyurethane

Finish: 1-2 or more coats Stays Clear® Acrylic Polyurethane

Old Finishes: Do not apply over sealers containing silicones, wax, or stearate. Remove old finishes which are chipping, peeling, or in otherwise poor condition. Remove any and all old finishes containing wax or stearate. Other finishes in good condition must be sanded lightly with fine sandpaper until smooth. Surfaces requiring complete restoration must have the finish removed by either power sanding or use of paint and varnish remover, then treated as new surface.

One-Day Finishing (Floors): Apply in thin, even coats following grain of wood. For 3 coat/1-day application, allow at least 3 hours dry time between coats. Sand lightly with fine sandpaper between applications. If sandpaper gums when sanding, insufficient drying time has been allowed between coats. Optimal conditions are 60° F to 80° F and 30% to 60% relative humidity. After final coat has been applied, avoid heavy traffic on floors during the initial 24 hours. In addition, care should be taken during first week after application, especially when replacing furniture.

For best results on high traffic commercial areas use Benwood® Polyurethane Finishes — High Gloss (C428) or Low Lustre (C435).

Application

Allow a minimum of 3 hours dry; then sand lightly, rubbing with the grain, before recoating. For optimal performance a minimum of two coats are required for furniture or trim. Floors require 3 or more coats. Allow final coat to harden for 24 hours before subjecting to normal floor traffic.

Brush: Stir thoroughly and apply as received in the container with a good quality synthetic brush or painting pad. Apply along grain of the wood in thin, even, uniform coats. Keep a wet-edge during application and avoid working back into partially dry areas.

Roller: Large smooth surfaces can be coated using a short-nap roller in thin, even, uniform coats. Keep a wet-edge during application and avoid working back into partially dry areas.

Spray, Airless: Fluid Pressure —1,500 to 2,000 PSI;

Tip —.011 - .015 Orifice;

Thinning/Cleanup

Do not thin; thinning will reduce the sealing ability of this product. Do not add other paints or solvents. Wash painting tools in warm soapy water immediately after use. Spray equipment should be given a final rinse with mineral spirits to prevent rusting.

USE COMPLETELY OR DISPOSE OF PROPERLY. Dry, empty containers may be recycled in a can recycling program. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency for information on disposal options.**

Environmental, Health & Safety Information

CAUTION! Contains glycol ethers VAPOR HARMFUL

Contains n-methyl pyrrolidone which CAN BE ABSORBED THROUGH THE SKIN. MAY CAUSE REPRODUCTIVE ORGAN DAMAGE.

This waterborne system contains less than 5% Glycol Ethers. Use adequate ventilation during application and drying. Do not breathe vapors or spray mist. Do not get in eyes or on skin. Wear eye protection and solvent impermeable gloves during application or sanding. Close container after each use. Wash thoroughly after handling. A dust/particulate respirator approved by NIOSH should be worn when sanding or spraying.

WARNING: This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

FIRST AID: If affected by inhalation of vapors or spray mist, remove to fresh air. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and call physician; for skin, wash thoroughly with soap and water. If swallowed, do not induce vomiting. Get medical attention immediately.

IN CASE OF: FIRE — Use foam, CO₂, dry chemical, or water fog.
SPILL — Absorb with inert material and dispose of as specified under “Thinning/Clean Up”.

**KEEP OUT OF REACH OF CHILDREN
PROTECT FROM FREEZING**

**Refer to Material Safety Data Sheet for
additional health and safety information.**