BENWOOD® STAYS CLEAR® ACRYLIC POLYURETHANE HIGH GLOSS 422

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 Description

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

Colors — Standard:

Clear
(May be tinted with up to 2.0 fl. oz. Benjamin Moore® Color Preview® colorants per gallon.)

— Tint Bases:

Not available

— Special Colors:

Contact your Benjamin Moore & Co. representative

Certification:

VOC compliant in all regulated areas

Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84

Master Painters Institute MPI #130

Qualifies for LEED® Credit
(INTERIOR CLEAR WOOD FINISHES)

Technical Assistance:

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.

Technical Data◊		High Gloss
Vehicle Type		Acrylic Polyurethane
Pigment Type		None
Volume Solids		28%
Coverage per Gallon at Recommended Film Thickness		350 – 450 Sq. Ft.
Recommended Film Thickness	– Wet	4.0 mils
	– Dry	1.1 mils

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

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		High Gloss
Surface Temperature at Application	– Min.	40° F
	– Max	90° F
Thin With		Clean Water
Clean Up Thinner		Clean Water
Weight Per Gallon		8.55 lbs
Storage Temperature	– Min.	40° F
	– Max	90° F

Volatile Organic Compounds (VOC)

270 Grams/Liter 2.25 lbs./Gallon

◊ Reported values are for Clear. Contact Benjamin Moore & Co for values of other bases or colors.

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;

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, CO_2, 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.

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