

**Features**

- ▲ Does not yellow like varnishes.
- ▲ Tintable to many decorative shades.
- ▲ 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 & Co. Color Preview® colorants per gallon.)

**—Tint Bases:**

Not available

**—Special Colors:**

Contact your Benjamin Moore & Co. representative

**Certification:**

422 - Master Painters Institute MPI #130  
423 - Master Painters Institute MPI #128  
Formulated with non-photochemically reactive solvents.  
Formulated without lead or mercury.

**Federal Specifications Generic Equivalent**  
TT-C-1951 (Low Lustre)

**Technical Assistance**

Available through your local authorized independent Benjamin Moore & Co. dealer. For the location of the dealer nearest you, call 1-800-826-2623, see [www.benjaminmoore.com](http://www.benjaminmoore.com), or consult your local Yellow Pages.

<b>Technical Data</b>	<b>High Gloss</b>	<b>Low Lustre</b>
Vehicle Type	Acrylic/Polyurethane	
Pigment Type	none	none
Volume Solids	27%	28%
Theoretical Coverage At Recommended Film Thickness	350 – 450 Sq. Ft.	
Recommended Film Thickness – Wet	4.0 mils	4.0 mils
– Dry	1.1 mils	1.1 mils
Dry Time @ 77° F (25° C) @ 50% RH	— Set To Touch — To Handle — To Recoat — To Service	1 Hour 2 Hours 2 to 3 Hours 24 Hours
		1 Hour 2 Hours 2 to 3 Hours 24 Hours
<i>Depending upon temperature, humidity, and thickness of application.</i>		
Dries By	Evaporation, Coalescence	
Viscosity	72 ± 2 KU	72 ± 2 KU
Flash Point (Seta)	None	None
60° Specular Gloss	High Gloss	Low Lustre
Surface Temperature – Min. at application	50° F	50° F
– Max.	90° F	90° F
Thin With	Clean Water	Clean Water
Clean Up Thinner	Clean Water	Clean Water
Weight Per Gallon	8.55 lbs.	8.58 lbs.
Storage Temperature – Min.	40° F	40° F
– Max.	90° F	90° F

**Volatile Organic Compounds (VOC)**  
*Unthinned, these products are formulated not to exceed 350 Grams/Liter\*\**

\*\* Contact Benjamin Moore & Co. for actual levels, which may or may not be substantially less than stated.

TDS422/423B

## Surface Preparation

Surfaces to be finished must be free from wax, dirt, grease, dust, and other contaminants. Glossy surfaces must be dulled with sandpaper — do not use steel wool. Open-grained woods and blemishes may be filled with Benwood® Interior Wood Finishes Wood Grain Filler (238) followed with appropriate coats of STAYS CLEAR®. Note: The application of this or any clear latex finish over fresh alkyd coatings may cause yellowing of the basecoat.

**NOTICE:** Removal of old paint by sanding, scraping or other means may generate dust or fumes which contain lead. Exposure to lead dust or fumes may cause adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For additional information, contact the USEPA/Lead Information Hotline at 1-800-424-LEAD.

## Primer/Finish Systems

**Raw Wood:** Do not apply over sealers containing silicones, wax, or stearate. 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 to seal raw wood. Allow sufficient dry time before sanding lightly and applying topcoats.

**Fill/Stain:** Open grained wood such as oak or walnut may be filled if desired, with Benwood® Interior Wood Finishes Wood Grain Filler (238) according to label directions. Apply Benwood® Interior Wood Finishes Penetrating Stain (234) according to label directions.

**Finish:** 3 or more coats STAYS CLEAR® Acrylic Polyurethane High Gloss (422), or Low Lustre (423)

**Old Finishes:** 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.

**Fill/Stain:** Open grained wood such as oak or walnut may be filled if desired, with Benwood® Interior Wood Finishes Wood Grain Filler (238) according to label directions. Apply Benwood® Interior Wood Finishes Penetrating Stain (234) according to label directions.

**Finish:** 2 or more coats STAYS CLEAR® Acrylic Polyurethane High Gloss (422), or Low Lustre (423)

**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 (428) or Low Lustre (C435).**

## Application

Stir thoroughly before use but do not shake. Apply as received in the container, or if necessary, thin with a small amount of clean water. STAYS CLEAR® first appears milky upon application, but dries to a clear, high gloss or low lustre finish depending upon product being used. At least two coats are recommended over previously finished surfaces; three coats minimum are suggested on new or unfinished wood. Sand lightly with fine sandpaper between coats to ensure a smooth finish. Do not use steel wool.

**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, Conventional:** Thin as needed with small amounts of clean water.

**Spray, Airless:** Fluid Pressure —1,500 to 2,000 PSI;  
Tip —.013 Orifice; Filter —100 mesh.

## 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 & 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.

**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 a physician. For skin, wash thoroughly with soap and water. In case of ingestion, DO NOT INDUCE VOMITING. Get medical help immediately.

**IN CASE OF SPILL:** Absorb with inert material and dispose of as specified under **Thinning/Cleanup**.

**KEEP OUT OF REACH OF CHILDREN**

**Protect from freezing.**

**Material Safety Data Sheets available  
on request from your servicing dealer.**

