



BENWOOD® STAYS CLEAR®

ACRYLIC POLYURETHANE
GLOSS N422

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 acrylic and polyurethane resins to produce a durable clear finish that dries quickly with very little odor. Provides excellent resistance to damage caused by abrasion, household chemicals and water, alcohol or food stains. For use on new or previously painted, stained or varnished interior wood surfaces, including floors. May also be used as a protective clear over decorative faux finishes on any substrate.

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 decorative faux finishes on any substrate.

Limitations

- Do not apply when air and surface temperatures are below 50° F (10° C)
- For use on wood substrates or as a protective topcoat for decorative faux finishes only.

Product Information

Colors — Standard:

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

— Tint Bases:

Not available

— Special Colors:

Not available

Certification:

VOC compliant in all regulated areas

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



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◇

Gloss

Vehicle Type	Acrylic Polyurethane
Pigment Type	None
Volume Solids	33.3%
Coverage per Gallon at Recommended Film Thickness	350 – 450 Sq. Ft.
Recommended Film Thickness	
– Wet	4.0 mils
– Dry	1.3 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.	
Dry Time @ 77° F (25° C) @ 50% RH	
– To Touch	1 Hour
– To Recoat	2-3 Hours
Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times. Allow final coat to harden 24 hours before subjecting to normal floor traffic.	
Dries By	Evaporation, Coalescence
Viscosity	72 ± 2 KU
Flash Point	None
Gloss / Sheen	Gloss (min. 75 @60)
Surface Temperature at Application	
– Min.	50° F
– Max	90° F
Thin With	Clean Water
Clean Up Thinner	Clean Water
Weight Per Gallon	8.6 lbs
Storage Temperature	
– Min.	40° F
– Max	90° F

Volatile Organic Compounds (VOC)

260 Grams/Liter 2.17 lbs./Gallon

◇ Reported values are for Gloss.

Benwood® Stays Clear® Acrylic Polyurethane Gloss N422

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 Waterborne Stain (205) 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 one of our Benwood® solvent based polyurethane finishes (N428) High Gloss or (N435) Low Lustre.

Application

Stir thoroughly before and occasionally during use to ensure a uniform sheen.

Brush: 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;

Allow a minimum of 2-3 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.

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 on disposal options.

Environmental, Health & Safety Information

Use only with adequate ventilation. Do not breathe spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use. Wash thoroughly after handling.

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

FIRST AID: In case of eye contact, flush immediately with plenty of water for at least 15 minutes; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

IN CASE OF SPILL – Absorb with inert material and dispose of as specified under "Clean Up".

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

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