



BENWOOD® Interior Wood Finishes **Polyurethane Finish High Gloss C428**

Features

- Extremely tough and serviceable
- Easy to apply
- Resistant to abrasion, hot water, alcohol, food acids, and common solvents

General Description

An extremely durable polyurethane clear coating. Also available in Flat (424) and Low Lustre (C435).

Recommended For:

For interior wood surfaces such as unfinished or previously finished doors, trim, cabinets, paneling, benches, furniture, tabletops, bars and floors.

Limitations:

- Do not apply when air and surface temperatures are below 40° F (5° C).

Product Information

Colors: —Standard:
Clear

—Tint Bases:
Not available

—Special Colors:
Contact your Benjamin Moore & Co. representative

Certification:
Formulated with non-photochemically reactive solvents
Formulated without lead or mercury

Federal Specifications Generic Equivalent
TT-V-71-H

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	Urethane
Volume Solids	56%
Theoretical Coverage At Recommended Film Thickness	500 – 600 Sq. Ft.
Recommended Film Thickness – Wet	2.9 mils
– Dry	1.6 mils
Dry Time @ 77° F — Set To Touch	2 Hours
(25° C) @ 50% RH — To Recoat	18 Hours
— To Service	18 Hours
Dries By	Evaporation, Oxidation
Viscosity	60 ± 3 KU
Flash Point (Seta)	Combustible
60° Specular Gloss	High Gloss
Surface Temperature at application – Min.	50° F
– Max.	90° F
Thin With	Do Not Thin
Clean Up Thinner	Mineral Spirits
Weight Per Gallon	7.6 lbs.
Storage Temperature – Min.	40° F
– Max.	90° F
Volatile Organic Compounds (VOC) <i>Unthinned, this product is formulated not to exceed 450 Grams/Liter**</i>	

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

TDSC428A

Benwood® Interior Wood Finishes Polyurethane Finish — High Gloss (C428)

Primer/Finish Systems

Wood, New (Stained): All surfaces must be dry and sanded smooth, and free of dirt, dust, or grit. All nail holes, cracks, and blemishes should be repaired after staining, and filler tinted to match color of the stain. Open grained wood such as oak or walnut should be filled with BENWOOD® Interior Wood Finishes Wood Grain Filler (238). Allow to dry for 24 hours. Apply BENWOOD® Interior Wood Finishes Penetrating Stain (234) as needed.

Finish: 2 coats BENWOOD® Interior Wood Finishes Polyurethane Finish (Sand lightly between coats after overnight dry.)

Wood, Restain: Surfaces that have been treated with wax or oily surface restoration liquids must be thoroughly cleaned with appropriate solvents. Periodically change to clean wiping cloths to avoid redistribution of residue. Special attention should be given to removal of black heel marks on floors. Flaking or scaling coatings must be removed by scraping and sanding with fine grit sandpaper. To assure adhesion, glossy surfaces must be dulled with fine grade steel wool or sandpaper. 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. Apply BENWOOD® Interior Wood Finishes Penetrating Stain (234) as needed.

Finish: 2 coats BENWOOD® Interior Wood Finishes Polyurethane Finish (Sand lightly between coats after overnight dry.)

Wood, New (Unstained): All surfaces must be dry and sanded smooth, and free of dirt, dust, or grit. All nail holes, cracks, and blemishes should be repaired after staining to match color of the wood. 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.

Finish: 2 coats BENWOOD® Interior Wood Finishes Polyurethane Finish (Sand lightly between coats after overnight dry.)

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.

Application

Stir thoroughly and apply as received in the container with a good quality synthetic or china bristle brush, a short nap roller, or an application pad.

Allow overnight dry; then sand lightly, rubbing with the grain, before recoating. For maximum wear, two coats are advisable. Allow final coat to harden for 24 hours before subjecting to normal floor traffic.

Spray, Airless: Fluid Pressure — 1,500 PSI;
Tip — .011 Orifice; Filter — 100 mesh.

Thinning/Cleanup

Do not thin.

USE COMPLETELY OR DISPOSE OF PROPERLY. This product contains organic solvents which may cause adverse effects to the environment if handled improperly. Disposal of wastes containing either organic solvents or free-liquids in landfills is prohibited. 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 local disposal options.**

Environmental, Health & Safety Information

DANGER! COMBUSTIBLE LIQUID AND VAPOR
VAPOR HARMFUL

Contains: Petroleum Distillates
HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD.
CAUSES IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT

NOTICE: Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

Keep away from heat and flame. **Use only with adequate ventilation.** Do not breathe vapors, spray mist or sanding dust. Avoid contact with eyes and prolonged or repeated contact with skin. Wear eye protection and gloves. To avoid breathing vapors or spray mist open windows and doors or use other means to ensure fresh air entry during application and drying. Aspiration Hazard. Small amounts aspirated into the respiratory system may cause mild to severe pulmonary injury. If you experience eye watering, headaches or dizziness increase fresh air or wear a properly fitted vapor/particulate NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use.

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 "Clean Up".

KEEP OUT OF REACH OF CHILDREN

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

