



BENWOOD[®]

INTERIOR WOOD FINISHES

WOOD CONDITIONER 236

Features

- Aids in uniform stain penetration.
- Can be used to lighten the color of stain.
- Minimizes wood grain patterns.
- Serves as a liquid filler and sealer for raw wood prior to the application of stain.

Recommended For

Use on all types of wood furniture, wall paneling, trim, doors, and floors.

General Description

A versatile, alkyd based neutral product. May be used to lighten the color of a stain, increase film build to minimize the grain pattern of some woods, and help prevent wood stains from absorbing unevenly into porous substrates. Benwood[®] Wood Conditioner can also be used as a liquid filler or sanding-surface for preparing rough porous surfaces prior to the application of Benwood[®] stains and clear finishes.

Limitations

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

Product Information	
Colors — Standard: Clear (To obtain custom color stains, mix with up to 8.0 fl. oz. Benjamin Moore [®] Color Preview [®] colorants per gallon.)	Technical Data[◇]
— Tint Bases: Not available	Clear
— Special Colors: Contact your Benjamin Moore & Co. representative.	Vehicle Type Alkyd
Certification: VOC Compliant in all regulated areas except the South Coast and areas of California that follow the 2007 Suggested Control Measures.	Pigment Type Calcium Carbonate
Technical Assistance: Available through your local authorized independent Benjamin Moore & Co. retailer. For the location of the retailer nearest you, call 1-800-826-2623, see www.benjaminmoore.com , or consult your local Yellow Pages.	Volume Solids 30%
	Coverage per Gallon at Recommended Film Thickness 400 – 500 Sq. Ft.
	Recommended Film Thickness – Wet 3.6 mils
	– Dry 1.0 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 – To Touch 2 - 3 Hours
	(25° C) @ 50% RH – To Recoat Overnight
	High humidity and cool temperatures will result in longer dry, recoat and service times.
	Dries By Evaporation, Oxidation
	Viscosity < 50 KU
	Flash Point Combustible
	Gloss / Sheen None
	Surface Temperature – Min. 50° F
	at Application – Max 90° F
	Thin With Do Not Thin
	Clean Up Thinner Mineral Spirits
	Weight Per Gallon 8.8 lbs
	Storage Temperature – Min. 40° F
	– Max 90° F
	Volatile Organic Compounds (VOC)
	594 Grams/Liter 4.58 Lbs./Gallon

[◇] Reported values are for clear. Contact Benjamin Moore & Co for values of other bases or colors.

Primer/Finish Systems

Wood, New & Previously Finished:

All surfaces to be finished should be clean, dry, and free of dust, wax, and grease. Sand wood surfaces smooth along the grain with 180 or 220 grit sandpaper. Remove dust using tack rags or a vacuum cleaner. Previously finished surfaces must be cleaned down to bare wood.

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 mixture well before using and occasionally during application. Since the final appearance of your project may be influenced by the wood's color and grain pattern or from the application technique, always experiment with a sample of the exact same wood you intend to finish until you obtain the desired color and effect. Use one of the application methods described below:

Spray, Airless: Fluid Pressure — 800 to 1,200 PSI;
Tip .011 - .013 Orifice

To apply as a Liquid Filler or Sealer:

On close-grained wood such as Birch, Pine, or Maple, Wood Conditioner equalizes the porosity of hard and soft grain areas to aid in controlling "splotches," particularly when dark stains are used over light woods. Always test Liquid Filler/Sealer and stain combination on a sample of the actual wood or an obscure section of the project surface to determine penetration characteristics. Benwood® Wood Conditioner can be used in two separate methods.

Method one provides superior stain uniformity, method two saves time and provides good stain uniformity.

Method One; Apply Wood Conditioner smoothly and evenly. After overnight dry, sand lightly with extra fine sandpaper, then apply the stain. It may be necessary to delay wiping to achieve the desired depth of stain color.

To use as a stain:

Non-Wiping Application: Apply sparingly with a brush or lint free soft cloth, working with the grain and spreading stain evenly over entire surface to obtain uniform color. Allow overnight dry if second coat is to be used. If sanding is required, use fine sandpaper with light pressure to avoid cutting into the wood.

Wiping Application:

Apply as described above, but before stain has set up, wipe gently with the grain, using a clean, lint free soft cloth to control depth of color. Setup will vary according to the porosity of the wood, usually within 25 minutes.

After staining the wood, apply one or more coats of any Benwood® Interior Wood Finishes clear finishes.

To Make Custom Color Stains:

Mix Benwood® Wood Conditioner with Super Spec® Masking Stain (246) in any proportion desired.

Additional custom colors can be produced by tinting Benwood® Wood Conditioner with up to 8 fl. oz. of Benjamin Moore & Co. Color Preview® colorants per gallon.

Color Note: You can make a surface darker by adding more stain, while it is very difficult to lighten an already dark color.

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. Save unused product for touch-up purposes or a household hazardous waste collection program. 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.

DANGER – RAGS, STEEL WOOL OR WASTE SOAKED WITH THIS PRODUCT MAY SPONTANEOUSLY CATCH FIRE IF IMPROPERLY DISCARDED. IMMEDIATELY AFTER USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED WATER-FILLED METAL CONTAINER.

Environmental, Health & Safety Information

WARNING! COMBUSTIBLE LIQUID AND VAPOR

Contains stoddard solvent and crystalline silica

VAPOR HARMFUL. CAUSES SKIN, NOSE, AND THROAT IRRITATION

NOTICE: Repeated and prolonged exposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Crystalline silica can cause cancer when in the respirable form (spray mist or sanding dust).

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 window and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear a properly fitted vapor/particulate respirator approved by NIOSH for use with paints or leave the area. In all cases follow respirator manufacturer's directions for respirator use. Close container after each use.

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 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: FIRE — Use foam, CO₂, dry chemical, or water fog.

SPILL — Absorb with inert material and dispose of as specified under "Thinning/Cleanup"

KEEP OUT OF REACH OF CHILDREN
Refer to Material Safety Data Sheet for additional health and safety information.