



**NUWOOD®**  
**POLY-VAR™ Floor Varnish**  
**Gloss 70-12 / Satin 70-16**

Oil Modified Polyurethane

<b>PRODUCT DESCRIPTION</b>
<b>TYPICAL USES</b>
<b>PRODUCT ADVANTAGES</b>
<b>COLORS</b>
<b>GLOSS</b>
<b>PHYSICAL CONSTANTS</b>
<b>APPLICATION</b>
<b>SHIPPING &amp; STORAGE</b>

**A single component, tough, flexible, clear polyurethane floor finish for wood.**

For industrial, commercial and residential use on floors and trim. For coating properly prepared wood surfaces.

NUWOOD® POLY-VAR™ Floor Varnish offers excellent protection against abrasive traffic and spills in exposures including mild industrial, marine, and commercial environments. Very pale in color to minimize yellowing. Excellent mild chemical and abrasion resistance. Temperature resistant to 200°F. Lead and chromate free.

Clear

High Gloss 70-12, Satin 70-16

**Nonvolatile -** By weight - 49.8 ± 1.0%  
By volume - 41.6 ± 1.0%  
**VOC (Calculated) -** 3.76 lbs./gal.  
450 grams/liter  
**Flash Point -** 107°F (Setaflash)  
**Weight per gallon -** 7.5 ± 0.2 lbs.

**Recommended Film Thickness -** 1.0 mils dry, 2.4 mils wet  
**Theoretical Coverage @ 1.0 mils dry -** 667 sq. ft./gal.  
**Method -** Brush, roll, lamb's wool applicator, conventional or airless spray.  
**Thinner -** Not recommended. See thinning statement on back.  
**Dry time @ 75°F -** To touch - 2 hours  
To handle - 4 hours  
To recoat - 12 hours  
For light traffic - 24 hours  
For regular traffic - 48 hours

**Consists of -** 1 Gallon Unit 5 Gallon Unit  
**Unit Shipping Weight -** 9 lbs. 40 lbs.

**Shelf Life -** 12 months minimum from date of manufacture when maintained in protected storage @ 40-100°F (subject to reinspection thereafter).

## APPLICATION INSTRUCTIONS

Consult your Mobile Paint Representative for the protective coating system best suited for your requirements.

**Limitations:** Apply in good weather when air and surface temperatures are above 40°F and surface temperature is at least 5°F above the dew point. For optimum application properties, material should be between 70 to 100°F prior to mixing and application. Maintain unmixed material in closed containers in protected storage at 40 - 100°F.

**NOTE:** Do not apply over shellac, lacquer, sanding sealers or other stearate containing coatings

**Surface Preparation:** Good surface preparation is essential to a satisfactory coating system. Surfaces to be coated must be clean and dry. Remove all dust, dirt, oil, wax, polish and any other surface contamination.

**New or Unfinished Wood** - New wood should be sanded with fine sand paper following with the grain. Remove all sanding dust by vacuuming and/or dusting the surface with a 'tack' cloth. Fill knot holes and cracks with putty formulated for floor use. Sand the filled areas smooth and remove dust.

**Previously Finished Surfaces** - Do not apply this coating over shellac, lacquer, sanding sealers or other coatings containing stearate compounds or over poorly adhering coatings. These must be completely removed and the surface finished as i new surfaces. If surface is in good condition, sand to remove gloss and touch up bare areas with NUWOOD® POLY-VAR™ Floor Finish. If doubt exists concerning compatibility of this coating with the previous system, apply coating to a representative area (25 square feet minimum and allow to cure and age several weeks. Then inspect for adhesion failure, wrinkling, lifting, blistering or any other sign of incompatibility. If there are no signs, coating work can proceed.

**Mixing:** This is a one component coating. Always hand mix thoroughly with a paddle before application. Do not mix excessively to avoid entraining air in the coating.

**Thinning:** This product is supplied at proper application viscosity and should be applied without thinning. See "Cleanup" section for proper cleanup solvent.

**Application:** Apply by brush, roller, lamb's wool applicator or conventional or airless spray. Roller application may require special care to prevent bubbling and more than one coat to obtain proper film thickness. Apply at 2.4 mils wet film thickness which will yield 1.0 mils dry film thickness.

**Equipment:** Brush - Use a good quality bristle brush. Roller - All purpose, good quality roller with 3/8" nap maximum. Conventional spray - For suction feed, use DeVilbiss MBC gun with E tip and needle and 30 air cap or equivalent at 35-40 psi atomizing pressure. For pressure feed, use DeVilbiss MBC gun with E tip and needle and 704 air cap or equivalent at 35-40 psi atomizing pressure and 5-8 psi fluid pressure, 3/8" ID material hose, double regulated pressure tank with oil and moisture separator. Airless spray - Minimum of 28:1 ratio pump, .011"-.013" orifice tip, 1/4" ID material hose.

**Cleanup:** Clean all equipment immediately after use with MoPaxOI® Thinner 75-1 or mineral spirits. Completely flush all spray equipment with either of these solvents. Occasional flushing of spray equipment during the course of the working day helps prevent buildup and possible clogging.

**Safety:** Safe storage, handling and use dictate that adequate health and safety precautions be observed with this product and any recommended thinners. User is specifically directed to consult the current Material Safety Data Sheet for this product as well as precautions contained on product labeling.

70-12(8/01)

### LIMITED WARRANTY

The successful performance of this product is highly dependent on many factors beyond our control. Results are highly dependent upon the skill of the operator. This product is manufactured to meet the highest level of consistency and quality for the intended use. Mobile Paint warrants that its products meet the specifications which it sets for them. Should this product be proven to be off-specification within one year from date of shipment, Mobile Paint will, at its sole discretion, either replace the product or issue credit for the original purchase price of the product. The replacement or refund shall be the buyer's sole remedy and Mobile Paint and its affiliates **MAKE NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY, DESIGN COMPATIBILITY AND FITNESS FOR A PARTICULAR PURPOSE. LABOR OR COST OF LABOR AND OTHER INCIDENTAL AND/OR CONSEQUENTIAL DAMAGES ARE SPECIFICALLY EXCLUDED.** The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.