



**NUWOOD®**  
**Penetrating Wood Finish**  
**71-series**

Modified Alkyd

<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 premium quality penetrating wood stain and finish for interior wood and wood products. Lead, mercury and chromate free.**

For industrial, commercial and residential use on new or unpainted interior wood surfaces. For use on properly prepared wood, composition board, plywood and other wood products. Excellent as a stain and sealer where a natural wood grain finish is desired.

NUWOOD® Penetrating Wood Finish exhibits excellent penetrating and working properties on wood surfaces. Long "open" time allows even application without streaking. Uniform penetration and easy application for a beautiful, natural wood grain appearance. Lead, mercury and chromate free.

Available in Natural and several attractive wood tones as shown on the Color Card. Also available in a tint base for a wide range of colors produced using the Color Studio System. Refer to special wood stain color cards in the Color Studio System for color selection.

Does not apply

**Nonvolatile** - By weight - 34.5 ± 1.0% Average\*  
 By volume - 29.1 ± 1.0% Average\*  
**VOC (Calculated)** - 4.61 lbs./gal. Average\*  
 550 grams/liter Average\*  
**Flash Point** - 106°F (Setaflash) Average\*  
**Weight per gallon** - 6.9 ± 0.2 lbs. Average\*  
 \* Varies with color

**Recommended Film Thickness** - This product is designed as a penetrating finish and film thickness cannot be accurately measured.

**Theoretical Coverage** - Coverage will vary with the porosity of the surface and should be approximately 750 square feet per gallon.

**Method** - Apply with brush or lint free cloth

**Thinner** - Thinning is not recommended.

**Dry time @ 75°F** - To touch - 4 hours  
 To handle - 8 hours  
 To recoat - 8 hours (with stain)  
 24 hours (with varnish)

**Consists of -** 1 Gallon Unit 5 Gallon Unit  
**Unit Shipping Weight** 7 lbs. 37 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:** Some plastic and synthetic products can become discolored from direct contact with surfaces finished only with wood stains. For best results and maximum durability, apply a clear varnish finish to all surfaces coated with wood stain (See Topcoating Section). Not recommended for exterior use.

**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 or unfinished 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 the appropriate putty or filler. Sand the filled areas smooth and remove dust.

**Previously Finished Surfaces** - This product is for application to unfinished wood surfaces only. Wood surfaces to be finished should have all previous finishes completely removed by sanding or stripping with NUWOOD® Furniture Refinisher 74-28 or NUWOOD® Water Wash Paint & Varnish Remover 74-26. All traces of contamination or residue from stripping must be completely removed before staining with this product.

**Mixing:** This is a one component coating. Always hand mix thoroughly with a paddle before application. Any settled pigment should be completely redispersed before application.

**Thinning:** This product is supplied at the proper application viscosity. Thinning is not recommended. See cleanup paragraph for cleanup thinner.

**Application:** Apply by brush or lint free cloth. Rubber gloves should be worn when applying this product by cloth to prevent prolonged skin contact. Allow stain to

penetrate surface for 10 to 15 minutes and wipe off excess with a clean, lint free cloth. Apply at a spreading rate of approximately 750 square feet per gallon. If desired, a second coat of stain can be applied after the first coat has dried approximately 8 hours.

**Note:** Experiment on a piece of similar scrap wood or an area that does not show to determine the most pleasing color and appearance.

**Topcoating:** Although this product can be used as a stain and finish, a clear finish such as NUWOOD® Polyurethane Gloss Finish 72-35, NUWOOD® Polyurethane Satin Finish 72-36 or NUWOOD® Tung Oil Clear Stain 72-45 is recommended for maximum protection and durability. Allow final coat of NUWOOD® Penetrating Wood Finish to dry 24 hours before application of clear finishes.

**Equipment:** Brush - Use a good quality bristle brush. Cloth - A good quality, lint free cloth is excellent for applying stain to large and intricate surfaces. Conventional spray - (Suggested for professional application only) For suction feed, use DeVilbiss MBC gun with E tip and needle and 30 air cap or equivalent at 25-30 psi atomizing pressure. For pressure feed, use DeVilbiss MBC gun with E tip and needle and 704 air cap or equivalent at 25-30 psi atomizing pressure and 5-8 psi fluid pressure, 3/8" ID material hose, double regulated pressure tank with oil and moisture separator.

**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.

71-Line(11/03)

## 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.