



PRODUCT DATA SHEET

PROD. #99

RICH WOOD

VARNISH SANDING SEALER



PRODUCT DESCRIPTION

Rich Wood Sanding Sealer is a uniquely formulated clear sealer designed to penetrate and seal bare or stained interior wood substrates preparing the surface for the application of a clear varnish topcoat. It's clear satin finish enhances the natural wood grain, promotes a superior sanding property that allows for a smooth varnish finish coat application and appearance. It dries fast and provides excellent durability as an intermediate varnish coating.



MEETS MPI STANDARD #102 OF THE MASTER PAINTERS INSTITUTE'S APPROVED PRODUCTS LIST.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES	VOC COMPLIANCE																										
<ul style="list-style-type: none">• Penetrates & Seals• Promotes Excellent Sanding Properties• Enhances Wood Grain• Resists Flaking & Chipping• Fast Dry• Dries Clear• Excellent Durability• Easy To Apply	<p><i>Suitable for the following properly prepared surfaces;</i></p> <p>INTERIOR WOOD</p> <table><tr><td>Trim</td><td>Cabinets</td></tr><tr><td>Doors</td><td>Railings</td></tr><tr><td>Paneling</td><td>Floors</td></tr><tr><td>Furniture</td><td></td></tr></table> <p>FOR INTERIOR USE ONLY!</p>	Trim	Cabinets	Doors	Railings	Paneling	Floors	Furniture		<p>Product Quality: Premium / Best</p> <p>Product Use: Interior</p> <p>Application: Brush, Roller Cover, Airless Spray</p> <p>Product System: Solvent Based</p> <p>Finish: Satin</p>	<table><tr><td>AIM</td><td>Yes</td></tr><tr><td>OTC</td><td>No</td></tr><tr><td>CARB</td><td>No</td></tr><tr><td>SCAQMD</td><td>No</td></tr><tr><td>MPI #</td><td>102</td></tr><tr><td>LEED® 09CI</td><td>No</td></tr><tr><td>LEED® 09NC</td><td>No</td></tr><tr><td>LEED® 09CS</td><td>No</td></tr><tr><td>LEED® H</td><td>No</td></tr></table>	AIM	Yes	OTC	No	CARB	No	SCAQMD	No	MPI #	102	LEED® 09CI	No	LEED® 09NC	No	LEED® 09CS	No	LEED® H	No
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SURFACE PREPARATION

General: New Work – The entire surface area shall be clean, dry sound and free from all dirt, grease, oils, waxes and any other surface contaminants. Surface area should be sanded smooth with 180 - 220 grit sandpaper. Thoroughly remove any sanding dust from the surface area with a vacuum and/or tack cloth. Repair/replace any damaged and/or delaminated surface areas, such as cracks, gouges, etc. with a properly recommended wood repair and/or putty. Allow all repairs to dry thoroughly, then sand smooth before application of stains or varnishes.

Refinish Work – When refinishing a previously varnished surface area, the entire surface area shall be clean, dry, and sound. Lightly sand the surface area to effectively dull any existing sheen. Previously varnished surface areas that are in poor condition should be completely stripped down to the original substrate, then refinished as a new piece of woodworking.

* **SPECIAL NOTE** * When finishing any bare wood surface areas, a sealer coat of this product thinned with mineral spirits is recommended. Allow approximately 24 hours to dry, then lightly sand smooth with 220 grit sandpaper. This procedure will promote a smoother finish coat.

- **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. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how you can protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-Lead, or log onto www.epa.gov/lead.

PRODUCT ANALYSIS DATA

PIGMENT: 1.38%

VEHICLE: 98.62%

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON REQUEST.

TECHNICAL DATA

- **COLORS:** Clear
- **TINTING:** Not Recommended
- **VEHICLE TYPE:** Modified Alkyd
- **VISCOSITY:** 52 KU ± 3
- **GLOSS @ 60°:** Satin / 22 units ± 1
- **FLASH POINT:** 50° F
- **VOC:** Not to Exceed 550 g/l – 4.62 lb/gal (Meets AIM Standards)
- **SOLIDS:** By Volume: 30.26% ± 2%
By Weight: 38.30% ± 2%
- **COVERAGE:** 300 – 500 Sq. Ft. / Gal. (Depending on Application & Surface Porosity.)
- **MIL FILM:** Estimated @ 400 Sq. Ft. / Gal.
Wet: 4.0 mils **Dry:** 1.2 mils
- **DRY TIME:** (@ 70° F & 50% Relative Humidity)
To Touch: 45 Minutes - 1 Hour
Recoat: 6 – 8 Hours, or after overnight dry.
- **CLEAN UP:** Mineral Spirits
- **THINNING:** Mineral Spirits

RECOMMENDED FINISH COATINGS

The following Richard's products are recommended finish coatings for this primer coating material. However, recommended Richard's finish coatings are not limited to the products listed below;

- **SATIN FINISH**
 - 65, Rich Wood Polyurethane Satin Varnish
- **SEMI-GLOSS FINISH**
 - 63, Rich Wood Polyurethane Semi-Gloss Varnish
- **GLOSS FINISH**
 - 60, Rich Wood Polyurethane Gloss Varnish

APPLICATION EQUIPMENT

- **Brush Application:** Apply using quality combination nylon/polyester, or a quality natural china bristle brush.
- **Roller Application:** Apply using a 3/16" – 3/8" nap synthetic cover, mohair roller cover, or a pad applicator depending on texture or surface porosity.
- **Spray Application:**
 - **Pump:** Gas or Electric Airless Sprayer
 - **Pressure:** Minimum 1500 – 2000 PSI
 - **Tip:** 0.011 – 0.015 Reversible
 - **Hose:** ¼ inch (6.3 mm) - ¾ inch (10 mm)

PACKAGING & WEIGHT PER GALLON

- **Packaging:**

Quarts – 6/case	Gallons – 4/case
2 Gallons – N/A	5 Gallons – N/A
- **Weight Per Gallon:** 7.13 lbs.

CLEAN UP & THINNING INSTRUCTIONS

Clean Up: Clean up any minor spills and splatters immediately with **Mineral Spirits**, as well as all painting tools and airless equipment. More serious paint spills should be contained and removed with inert absorbent material. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state and federal regulations.

Thinning: Stir thoroughly and apply as it comes from the container. Thinning is not necessary. However, if thinning is required, you may add **Mineral Spirits**.

WARRANTY & LIMITATIONS

The technical information contained herein is accurate to the best of our knowledge. All warranties are excluded, whether expressed or implied, by operation of law or otherwise, including all implied warranties of merchantability or fitness for a particular purpose. Seller shall not be liable, directly or indirectly, under any circumstances for consequential, incidental, special or any other type of damages arising or resulting for any reason under the sale, handling, or use of goods sold. Seller's liability hereunder, and buyer's exclusive remedy hereunder, for negligence or any other reason, is expressly limited to reimbursement of the purchase price of the materials sold after proof of purchase is provided to the seller. Notice of any alleged failure or defect in the material must be given to the seller in writing by certified U.S. mail within 15 days of noticing the problem. Failure to give the required notice within the time provided constitutes a waiver of any claim. The Manufacturer is not responsible for any misrepresentation made by the Dealer.

REV 06-13

PRODUCT APPLICATION – General

Rich Wood Varnish Sanding Sealer may be easily applied with a quality natural bristle brush, mohair roller cover, or airless spray equipment as follows;

- For best results, it is recommended to apply with a brush or roller cover so to effectively work varnish sealer into wood fibers.
- If applying with a brush or roller cover, apply a smooth and generous coat application with the direction of the wood grain.
- Maintain a wet edge by brushing and/or rolling into previously applied coating area, avoiding any excessive respreading or reworking.
- If applying with an airless sprayer, it is recommended to use a unit with a minimum of 2000 psi with a 0.011 - 0.015 fluid spray tip.
- During spray application, it is recommended to back-brush or back-roll the surface area to insure an even coat application, proper adhesion and to effectively work varnish sealer into wood fibers.
- If **Rich Wood Sanding Sealer** is to be used as a final finish, for superior results, it is recommended to apply two (2) to three (3) finish coat applications.
- Allow each coat to dry thoroughly and lightly sand between coats.
- Apply when surface and ambient temperatures are above 55° F and below 90° F. **Keep From Freezing!**

PRODUCT LIMITATIONS

- Not for use in corrosive or chemical environments.
- Not for use in areas subject to intense heat.
- Not for use on below grade substrates.
- Not for use on exterior surfaces.

PRECAUTIONARY & SAFETY INFORMATION

CAUTION: FLAMMABLE! CONTAINS VM&P NAPHTHA AND MINERAL SPIRITS! HARMFUL OR FATAL IF SWALLOWED! VAPOR HARMFUL! Keep away from heat, sparks and open flames. **INSURE PROPER CROSS-VENTILATION UNTIL COATING HAS DRIED!** Where ventilation is inadequate, use a suitable respirator. Turn off main gas valve until after coating has dried, then have pilot lights re-lighted by a responsible person. Avoid prolonged contact with skin and breathing of vapors and/or spray mists. When spraying this material, use an **OSHA** approved cartridge respirator. Use chemical safety glasses, goggles, or a face shield for proper eye protection. Wash thoroughly after handling and before eating or smoking. Close container after each use. **DO NOT TAKE INTERNALLY!**

FIRST AID: In case of skin contact, wash thoroughly with plenty of warm soapy water. For eye contact, flush with plenty of water for 15 minutes, **SEEK IMMEDIATE MEDICAL ATTENTION!** If affected by inhalation, move immediately to fresh air. If swallowed,

DO NOT INDUCE VOMITING, SEEK IMMEDIATE MEDICAL ATTENTION!

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating the contents herein, may be harmful or fatal.

KEEP OUT OF REACH OF CHILDREN!