



# PRODUCT DATA SHEET

PROD. #61  
**RICH WOOD PREMIUM**  
**POLYURETHANE SANDING SEALER**



## PRODUCT DESCRIPTION

Richard's Rich Wood Premium Polyurethane Sanding Sealer is a clear varnish sealer designed to penetrate and seal the wood substrate before the application of polyurethane varnishes. Formulated from quality synthetic alkyd resins, it offers superior sanding properties that allows for a smooth polyurethane varnish finish coat to a variety of interior wood substrates. Easy to apply it seals the wood grain, dries fast, allowing for application of varnish topcoat the same day, and provides excellent durability as an intermediate varnish coating.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES	VOC COMPLIANCE						
<ul style="list-style-type: none"> <li>• Polyurethane Formula</li> <li>• Penetrates &amp; Seals</li> <li>• Fast Dry</li> <li>• Excellent Sanding Properties</li> <li>• Dries Clear</li> <li>• Excellent Durability</li> <li>• Easy To Apply</li> </ul>	<p><i>Suitable for, but not limited to the following properly prepared surfaces;</i></p> <p><b>INTERIOR WOOD</b></p> <table> <tr> <td>Doors</td> <td>Floors</td> </tr> <tr> <td>Trim</td> <td>Furniture</td> </tr> <tr> <td>Cabinets</td> <td>Paneling</td> </tr> </table> <p><b>NOT FOR USE ON EXTERIOR WOOD SURFACES!</b></p>	Doors	Floors	Trim	Furniture	Cabinets	Paneling	<p><b>Product Quality:</b> Premium / Best</p> <p><b>Product Use:</b> Interior Only</p> <p><b>Application:</b> Brush, Roller, Pad, &amp; Airless Spray</p> <p><b>Product System:</b> Solvent-Based</p> <p><b>Sheen:</b> Flat/Satin</p>	<p><b>AIM</b> Yes</p> <p><b>OTC</b> No</p> <p><b>CARB</b> No</p> <p><b>SCAQMD</b> No</p> <p><b>MPI #</b> No</p> <p><b>LEED® 09CI</b> No</p> <p><b>LEED® 09NC</b> No</p> <p><b>LEED® 09CS</b> No</p> <p><b>LEED® H</b> No</p>
Doors	Floors								
Trim	Furniture								
Cabinets	Paneling								

## SURFACE PREPARATION

**General:** The entire surface area to be painted should be clean, dry, sound, and free from dirt, grease, oils, waxes, mildew and any other surface contaminants that may adversely affect the performance of this coating material.

- **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. Repair or replace damaged and/or delaminated surface areas as described above. 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.

**Mildew** - Surface areas affected by mildew should be washed with a commercial mildew removal product carefully following manufacturer's application and safety directions. Rinse thoroughly with clean water, and allow a minimum of 24 hours to dry thoroughly.

- **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](http://www.epa.gov/lead).

## PRODUCT ANALYSIS DATA

**PIGMENT: 1.64%**

**VEHICLE: 98.36%**

*MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON REQUEST.*

## TECHNICAL DATA

- **COLORS:** Clear
- **TINTING:** Not Recommended
- **VEHICLE TYPE:** Alkyd Urethane
- **VISCOSITY:** 55 KU ± 3
- **GLOSS @ 60°:** Flat Satin / 28 units ± 2
- **FLASH POINT:** 103° F
- **VOC:** Not to Exceed 450 g/l – 3.78 lb/gal (Meets AIM Standards)
  - **SOLIDS:** By Volume: 42.75% ± 2%  
By Weight: 50.09% ± 2%
- **COVERAGE:** 450 – 500 Sq. Ft. / Gal. (Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)
- **MIL FILM:** Estimated @ 450 Sq. Ft. / Gal.  
**Wet:** 3.6 mils                      **Dry:** 1.5 mils
- **DRY TIME:** (@ 70° F & 50% Relative Humidity)  
To Touch: 30 Min. – 1 Hour  
Recoat: 6 – 8 Hours  
(Dry times listed may vary according to relative humidity, temperature, film build, color and air movement.)
- **CLEAN UP:** Mineral Spirits
- **THINNING:** Not Recommended

## RECOMMENDED FINISH COATINGS

The following Richard's products are recommended finish coatings for this primer coating material;

- **New Wood**
  - 60, Rich Wood Polyurethane Gloss Varnish
  - 63, Rich Wood Polyurethane Semi-Gloss Varnish
  - 65, Rich Wood Polyurethane Satin Varnish

## APPLICATION EQUIPMENT

- **Brush Application:** Apply using a quality nylon, polyester or combination nylon/polyester, or a quality natural china bristle brush.
- **Roller Application:** Apply using a smooth - medium nap synthetic, lamb's wool or mohair roller cover, or pad applicator depending on texture or surface porosity.
- **Spray Application:**
  - **Pump:** Gas or Electric Airless Sprayer
  - **Pressure:** Minimum 1500 – 2000 PSI
  - **Tip:** 0.011 – 0.013 Reversible
  - **Hose:** ¼ inch (6.3 mm) - ⅝ inch (10 mm)

## PACKAGING & WEIGHT PER GALLON

- |                     |                 |                  |
|---------------------|-----------------|------------------|
| • <b>Packaging:</b> | Quarts – 6/Case | Gallons – 4/Case |
|                     | 2 Gallons – N/A | 5 Gallons – N/A  |

- **Weight per Gallon:** 7.52 lbs.
- **Storage:** Indoors away from heat, sparks and flame.
- **Shelf Life:** 2 – 3 years

## 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 10-14

## PRODUCT APPLICATION – General

Richard's Rich Wood Polyurethane Sanding Sealer may be easily applied with a quality brush, roller cover, pad applicator, or airless spray equipment as follows;

- For best results, it is recommended to apply with a brush or roller cover, so to effectively work sealer into wood fibers.
- When applying by brush or roller cover, apply a smooth and generous coat application in the direction of the wood grain, avoiding any excessive respreading or reworking.
- Maintain a wet edge by brushing or rolling into previously applied coating area.
- When applying by airless spray equipment, it may be required to back roll/brush to ensure proper adhesion and a smooth finish.
- If sanding sealer is to be used as a final finish, apply two or three finish coats, allowing to dry overnight, and lightly sanding between coats with 220 grit sandpaper or wipe down with #4 finishing steel wool to effectively dull existing sheen.
- Apply when surface and ambient temperatures are above 55° F and below 90° F.

## PRODUCT LIMITATIONS

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

## PRECAUTIONARY & SAFETY INFORMATION

**CAUTIONS: COMBUSTIBLE!** 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 and get medical attention immediately. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting, get medical attention immediately.

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

**KEEP OUT OF REACH OF CHILDREN!**