



# PRODUCT DATA SHEET

PROD. #84.3

## RICH WOOD WATERBORNE EXTERIOR SEMI-TRANSPARENT STAIN



### PRODUCT DESCRIPTION

Rich Wood Waterborne Exterior Semi-Transparent Stain transforms your outdoor spaces. Perfect for cedar, redwood, cypress, pine, and pressure treated lumber, it penetrates deep to protect and enhance your wood. The advanced formula resists cracking, peeling, and fading, with a UV- and mildew-resistant coating for lasting beauty. Easy to apply, it comes in many colors. Ideal for decking, siding, fencing, shakes, and furniture, it provides professional results.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES		
<ul style="list-style-type: none"><li>• Rich Semi-Transparent Finish</li><li>• Penetrates &amp; Seals</li><li>• Resists Cracking</li><li>• Resists Peeling</li><li>• Fade Resistant</li><li>• UV Resistant</li><li>• Mildew Resistant</li><li>• Superior 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>EXTERIOR</b></p> <table><tr><td><ul style="list-style-type: none"><li>• Decks &amp; Porches</li><li>• Trim</li><li>• Siding</li><li>• Fencing</li><li>• PTW</li></ul></td><td><ul style="list-style-type: none"><li>• Shakes &amp; Shingles</li><li>• Railings</li><li>• Plywood</li><li>• Clapboards</li></ul></td></tr></table> <p><b>For Exterior Use Only!</b></p>	<ul style="list-style-type: none"><li>• Decks &amp; Porches</li><li>• Trim</li><li>• Siding</li><li>• Fencing</li><li>• PTW</li></ul>	<ul style="list-style-type: none"><li>• Shakes &amp; Shingles</li><li>• Railings</li><li>• Plywood</li><li>• Clapboards</li></ul>	<p><b>Product Quality:</b> Premium / Best</p> <p><b>Product Use:</b> Exterior</p> <p><b>Application:</b> Brush, Roller, Spray</p> <p><b>Product System:</b> Water-Base</p> <p><b>Sheen:</b> Low Sheen Natural Finish</p> <p><b>MPI Standards:</b> No</p> <p><b>VOC Compliance:</b> VOC Compliant in all areas.</p>
<ul style="list-style-type: none"><li>• Decks &amp; Porches</li><li>• Trim</li><li>• Siding</li><li>• Fencing</li><li>• PTW</li></ul>	<ul style="list-style-type: none"><li>• Shakes &amp; Shingles</li><li>• Railings</li><li>• Plywood</li><li>• Clapboards</li></ul>			

### 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 stain. Wood moisture content should be below 15% and wood surfaces that have a mill glaze should be sanded to allow for proper stain penetration.

- New Wood Surfaces** – All new wood surfaces should be allowed to go through two (2) wet/dry cycles by rain or regular water rinsing to open wood grain and to remove excess surface tannins during cleaning.
- New Pressure Treated Wood** – New uncoated pressure treated wood, (PTW), should be allowed to weather for approximately 4 – 6 weeks or until water droplets can penetrate the wood surface within 20 seconds. Wood surfaces with a mill glaze or a slick, shiny appearance, must be scuff sanded or allowed to weather sufficiently to allow surface pores to open before staining.
- Old Wood Surfaces** – Thoroughly clean the entire surface area as stated above. It is recommended to power wash the surface area using a unit with a minimum of 1500 psi of pressure to sufficiently remove existing stain powder, and deteriorated wood fibers. Allow a minimum of 48 hours of good drying condition before application of sealer. Wood surfaces that are excessively gray or weathered should be cleaned with a restorative wood cleaner or brightener, rinsed thoroughly, and allowed to dry for 48 hours before sealing.
- Previously Stained Wood** – Previously stained and/or painted surfaces must be completely stripped to reveal the bare wood surface and treated as a new wood surface. Repair/remove all damaged, deteriorated, and surface imperfections with the proper patching or building materials.
- MILDEW:** Surface areas affected by mildew should be treated with a commercial mildew removal and/or wash product carefully following manufacturer's application and safety directions. Rinse thoroughly with clean water and allow a minimum of 24 hours to dry thoroughly.

**SPECIAL NOTE:** Some woods, such as Cedar and Redwood contain natural Tannic Acids. These acids have a tendency to migrate to the surface when painted, potentially discoloring paints or stains. If this occurs during application of this particular product, allow application to completely dry, then wash the affected surface areas with a mild detergent solution and rinse 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).

### TECHNICAL DATA

- COLORS:** Clear Tinting Base
- TINTING:** Universal Colorants
- VEHICLE TYPE:** Waterborne
- VISCOSITY:** 70 KU's  $\pm$  2
- GLOSS @ 60°:** Low Sheen
- FLASH POINT:** N/A
- COATING VOC:** Not to Exceed 100 g/l – 0.84 lb/gal  
(VOC Compliant in all areas.)
- SOLIDS BY VOLUME:** 32.67%  $\pm$  2%
- SOLIDS BY WEIGHT:** 35.74%  $\pm$  2%
- ESTIMATED COVERAGE:** 150 - 400 SFPG  
(Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)
- RECOMMENDED MIL FILM:** (Estimated @ 300 SFPG)  
**Wet:** 3.5 mils **Dry:** 1.2 mils  
(NOTE: This is a penetrating stain and should not build any appreciable surface film.)
- DRY TIME:** (@ 70° F & 50% Relative Humidity)  
**To Touch:** 30 min. – 1 hr. | **Recoat:** Wet-on-Wet Only.  
Do not apply a second coat after the first coat is dry.  
**Foot Traffic:** 72 hrs.  
(Actual dry time may vary according to relative humidity, temperature, color, applied film build and air movement.)
- DRIES BY:** Coalescence
- CLEAN UP:** Soap & Water
- THINNING:** Not recommended
- WEIGHT/GAL:** 8.73 lbs.
- SHELF LIFE:** Unopened, 2 - 3 years on average.
- PACKAGING:** Gal. – 4/cs. | 5 Gal. - Each

## RECOMMENDED PRIMER COATING

This penetrating wood stain is applied directly to properly prepared wood surfaces and requires no primer.

## APPLICATION EQUIPMENT

- **Brush Application:** Apply using quality nylon, polyester or combination nylon/polyester bristle brush.
- **Roller Application:** Apply using a low to medium nap synthetic, lamb's wool or mohair roller cover, 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) - ¾ inch (10 mm)

## PRODUCT LIMITATIONS

- Not for use over painted or sealed 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.

## CLEAN UP & THINNING INSTRUCTIONS

- **Clean Up:** Minor spills and splatters should be immediately cleaned with water, as well as all painting tools and spray equipment. More serious 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 regulation.
- **Thinning:** Stir thoroughly and apply as it comes from the container. Thinning is not necessary. **DO NOT THIN!**

## PRODUCT APPLICATION – General

**Rich Wood Waterborne Exterior Semi-Transparent Stain** may be easily applied with a quality brush, roller cover, airless spray equipment, or a low-pressure pump-up sprayer as follows;

- Stir thoroughly in a spiral up and down motion before and during application.
- For best results, it is recommended to apply by brush, pad or roller to effectively work sealer into wood pores.
- To assure color uniformity intermix multiple containers of stock or tinted colors and apply a small test area to verify color.
- When applying by brush or roller, apply an even and generous coat with the direction of the wood grain.
- When sealing vertical wood siding, start at the top, applying sealer to two or three boards, and work down to the bottom of the boards or until you come to a natural break in the surface, such as a corner or edge.
- When sealing horizontal wood siding, start at the top corner, applying sealer to two or three boards, and work across to the other end of the boards or until you come to a natural break in the surface, such as a corner or edge.
- When applying by low-pressure pump-up sprayer, prime the tank by pumping until resistance is met. The tip should be adjusted to achieve an even and continuous fan spray of approximately 4" – 6" inches. Begin spraying material in a continuous manner, saturating the surface area but avoiding any puddling. If puddling occurs, use a brush, roller or pad to distribute excess material evenly.
- When applying by airless spray equipment, use a unit with a minimum of 1500 - 2000 psi of pressure with a 0.011" – 0.013" fluid spray tip.
- During spray application, it is recommended to back-brush or back-roll the freshly applied stain to ensure an even application and to effectively work sealer into wood pores.
- To assure coating uniformity, always paint/seal to a natural break in the surface, such as a corner or edge, and maintain a wet edge during application.
- Avoid exterior application of sealer when weather conditions are threatening, and late in the day when there is a threat of moisture condensing on wet sealer.
- Apply when surface and ambient temperatures are above 55° F and below 90° F.

## PRECAUTIONARY & SAFETY INFORMATION

**CAUTIONS:** Avoid prolonged contact with skin, and breathing of dust, vapors and spray mists. **USE WITH ADEQUATE VENTILATION!** Ensure fresh air entry during and after application and drying. If you experience eye watering, headache or dizziness, or if air monitoring demonstrates vapor / mist levels are above applicable limits, wear an appropriate, properly fitted respirator, (NIOSH approved), during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes. Use chemical safety, 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! KEEP FROM FREEZING!**

**FIRST AID:** In case of skin contact, wash thoroughly with plenty of soap and water. In case of eye contact, flush immediately with plenty of water for at least 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.

**KEEP OUT OF REACH OF CHILDREN!**

## LIMITED WARRANTY

Richard's Paint warrants our products to meet the application, appearance and performance properties stated on the label. This Limited Warranty shall not apply to any defect or damage resulting from improper surface preparation, structural defects, failure of a previous paint or improper application of the coating, as described in the directions on the label of this container. If this product is found not to perform as specified, Richard's Paint will, at its option and upon presentation of proof-of-purchase (the original receipt), either furnish an equivalent amount of new product or refund the original purchase price of this product to you. **ALL OTHER WARRANTIES ARE EXCLUDED BY RICHARD'S PAINT, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

## LIMITATIONS

The seller's liability for any reason is expressly limited to reimbursement of the purchase price of the materials sold after proof of purchase is provided to the seller. **THIS WARRANTY EXCLUDES (1) LABOR AND COSTS ASSOCIATED WITH LABOR FOR THE APPLICATION OR REMOVAL OF ANY PRODUCT, AND (2) ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OR RESULTING FOR ANY REASON UNDER THE SALE, HANDLING, OR USE OF GOODS SOLD.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state. This Limited Warranty may not be transferred or assigned.

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