



PRODUCT DATA SHEET

PROD. #90 CLEAR

RICH WOOD

DECK & SIDING STAIN



PRODUCT DESCRIPTION

Rich Wood Deck & Siding Stain Clear is a specially formulated clear stain finish designed and formulated to enrich and protect the natural beauty of unpainted, stained, or unstained exterior wood substrates, including pressure treated wood (PTW). Its special formulation is designed to penetrate deep into wood fibers to seal the wood, and protecting the surface from extreme weathering, while enhancing the natural beauty of the wood grain, adding depth and elegance to the wood surface. Formulated to meet Federal Specifications TT-W-572B for water repellency, it applies easily, provides excellent durability and scuff resistance, resistance to fading and mildew, helps protect from costly water damage, and is VOC compliant. Mildew Resistant – This paint contains agents that inhibit the growth of mildew on the surface of this paint film.

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES	VOC COMPLIANCE
<ul style="list-style-type: none"> Penetrates & Seals Wood Fibers Repels Water Superior Coverage Fade Resistant Mildew Resistant Superior Durability VOC Compliant Easy To Apply 	<p><i>Suitable for the following properly prepared surfaces;</i> INTERIOR / EXTERIOR Decks & Porches Shakes & Shingles Trim Railings Siding Plywood Fencing Clapboards PTW For Exterior Use Only!</p>	<p>Product Quality: Premium / Best Product Use: Exterior Application: Brush, Roller Cover, & Airless Spray Product System: Solvent-Based Sheen: Lo-Lustre</p>	<p>AIM Yes OTC No CARB No SCAQMD No MPI # No LEED® 09CI No LEED® 09NC No LEED® 09CS No LEED® H No</p>

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 Wood Surfaces** – Remove any grade stamps or pencil marks by lightly sanding. New uncoated pressure treated wood, (PTW), should be allowed to weather for approximately 2 – 4 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. Wet woods, such as Cedar and Redwood, should be allowed approximately 6 months to weather sufficiently prior to staining.
- Previously Stained 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 2500 psi of pressure to sufficiently remove existing stain powder, and deteriorated wood fibers. Wood surfaces that are excessively gray or weathered should be cleaned with a restorative wood cleaner, rinsed thoroughly, and allowed to dry before staining. Previously 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.

- 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: 12.95%

VEHICLE: 87.05%

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON REQUEST.

TECHNICAL DATA

- COLORS:** Clear
- TINTING:** Universal Colorants
- VEHICLE TYPE:** Alkyd
- VISCOSITY:** 16 – 18 Sec. / #2 Zahn Cup
- GLOSS @ 60°:** Lo-Lustre / 5 - 10 units
- FLASH POINT:** 103° F
- VOC:** Not to Exceed 550 g/l – 4.62 lb/gal (Meets AIM Standards)
- SOLIDS:** By Volume: 33.20% ± 2%
By Weight: 41.64% ± 2%
- COVERAGE:** 200 – 400 Sq. Ft. / Gal. (Depending on Application & Surface Porosity.)
- MIL FILM:** Estimated @ 400 Sq. Ft. / Gal.
Wet: 4.0 mils **Dry:** 1.3 mils
- DRY TIME:** (@ 70° F & 50% Relative Humidity)
To Touch: 4 – 6 Hours
Recoat: Overnight
- CLEAN UP:** Mineral Spirits
- THINNING:** Do Not Thin!

RECOMMENDED PRIMER COATINGS

Although formulated to be self-priming on properly prepared painted surfaces in good condition, the following Richard's products are recommended primer coatings for this finish coating material. However, recommended Richard's primer coatings are not limited to the products listed below;

- **New Wood:**
 - Self-Priming
- **Previously Stained Wood Surfaces:**
 - Self-Priming

APPLICATION EQUIPMENT

- **Brush Application:** Apply using 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, depending on texture or surface porosity.
- **Spray Application:**
 - **Pump:** Gas or Electric Airless Sprayer
 - **Pressure:** Minimum 1500 – 2000 PSI
 - **Tip:** 0.013 – 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 - Each |

- **Weight per Gallon:** 7.63 lbs.

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.

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 01-14

PRODUCT APPLICATION – General

Richard's (prod. name) may be easily applied with a quality brush, roller cover, or airless spray equipment 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 or roller to effectively work stain into wood pores.
- To assure color uniformity, intermix multiple containers of tinted and stock 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 staining vertical wood siding, start at the top, applying stain 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 staining horizontal wood siding, start at the top corner, applying stain 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 airless spray equipment, use a unit with a minimum of 2000 psi of pressure, with a 0.013" – 0.015" fluid spray tip.
- During spray application, it is recommended to back-roll the surface area to ensure an even coat application, and to effectively work stain into wood pores.
- To assure coating uniformity, always paint to a natural break in the surface, such as a corner or edge, and maintain a wet edge during application by brushing, rolling or spraying into previously applied coating area.
- Avoid exterior paint application when weather conditions are threatening, and late in the day when there is a threat of moisture condensing on wet paint.
- Apply when surface and ambient temperatures are above 55° F and below 90° F.

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, thus discoloring most coatings. 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.

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!