



# PRODUCT DATA SHEET

## 190 SERIES

### RICH WOOD OIL MODIFIED WATERBORNE CLEAR URETHANE FLOOR FINISH



#### PRODUCT DESCRIPTION

**Rich Wood Oil Modified Waterborne Clear Urethane Hardwood Floor Finish** is a professional-grade protective coating designed to deliver the warmth and richness of a traditional oil finish with the convenience of modern waterborne technology. This advanced formula cures to a tough, self-leveling film with excellent hardness, mar resistance, and long-term wear, making it ideal for hardwood floors in both residential and commercial environments. It builds beautifully without the need for catalysts or crosslinkers, and imparts a subtle, natural amber tone that enhances the grain and character of the wood. Low odor and water cleanup make application easier while still providing the durability professionals expect for demanding interior wood surfaces. **FOR INTERIOR USE ONLY**

PRODUCT FEATURES	PRODUCT USES	PERFORMANCE QUALITIES
<ul style="list-style-type: none"> <li>Rich, Traditional Oil Look</li> <li>Easy Application</li> <li>Quick Drying &amp; Faster Recoat</li> <li>Residential &amp; Commercial Use</li> <li>Low Odor and Low VOC</li> <li>No Catalyst or Cross Linker Needed</li> <li>Enhance Durability</li> <li>Superior Abrasion Resistance</li> </ul>	<p><i>Suitable for, but not limited to the following properly prepared surfaces;</i></p> <p><b>INTERIOR</b></p> <ul style="list-style-type: none"> <li>Hardwood Floors</li> <li>Residential Floors</li> <li>Commercial Floors</li> <li>Wood Stairs</li> <li>Entryways</li> <li>Wood Paneling</li> <li>Woodwork</li> <li>Furniture</li> <li>Wood Countertops</li> <li>Cabinets</li> </ul> <p><b>Great For Interior Use</b></p>	<p><b>Product Quality:</b> Premium / Best</p> <p><b>Product Use:</b> Interior</p> <p><b>Application:</b> Brush, Roller, Pad Applicator, T-Bar</p> <p><b>Product System:</b> Waterborne Oil Modified Urethane</p> <p><b>Sheen:</b> Gloss, Semi-Gloss, Satin, Matte</p> <p><b>MPI Standards:</b> No</p> <p><b>VOC Compliance:</b> Complies in All U.S. States and Canada</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:** Thoroughly sand surface area smooth, progressing in sand paper usage starting with rough grit sandpaper to medium grit sandpaper to fine grit sandpaper. Always sand in the same direction of the wood grain. Final screen the floor with a 120 or 150 grit screen or 180 to 220 grit sandpaper. Do not use steel wool. After sanding and screening, vacuum the surface to remove all sanding dust. Final wipe the surface with a tack rag or a microfiber cloth. All cracks, gouges, dents and other surface imperfections should be properly repaired with wood putty that does not contain any wax. Allow all repairs to dry thoroughly, then sand smooth. Wood surfaces that are to be stained should be allowed to dry thoroughly after staining following manufacturer directions.
- PREVIOUSLY STAINED & VARNISH WOOD SURFACES:** Previously stained and varnished wood surface that are in good condition should be thoroughly cleaned as stated above. The entire surface should be lightly sanded to remove imperfections and to dull glossy finishes. Remove any loose, scaling, cracked or chipping areas of existing varnish by sanding. Previously stained and varnished wood surfaces that are in poor condition should be completely stripped to the bare wood substrate and finish as new wood. Repair/replace all damaged, deteriorated, and surface imperfections with the proper patching compounds or building materials and allow to dry thoroughly.
- 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](http://www.epa.gov/lead).

#### TECHNICAL DATA

- COLORS:** Clear
- VEHICLE TYPE:** Waterborne Oil Modified Urethane
- VISCOSITY:** 20-24 Sec. (#2 Zahn Cup)
- GLOSS @ 60°:**
  - Gloss, 94 Units ± 2
  - Semi-Gloss, 50 Units ± 2
  - Satin, 30 Units ± 2
  - Matte, 7 Units ± 2
- FLASH POINT:** 212° F
- COATING VOC:** Not to Exceed 85 g/l – 0.71 lbs./gal. (Complies In All US States Including Canada)
- SOLIDS BY VOLUME:** 23.00% ± 2%
- SOLIDS BY WEIGHT:** 27.00% ± 2%
- ESTIMATED COVERAGE:** 400 – 500 SFPG (Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)
- RECOMMENDED MIL FILM:** (Estimated @ 450 SFPG)
  - Wet:** 3-4 mils
  - Dry:** 0.69 - 0.92 mils
- DRY TIME:** (@ 70° F & 50% Relative Humidity)
  - To Recoat:** 2 - 3 hrs. / **Full Cure:** 5-7 Days
  - (Actual dry time may vary according to relative humidity, temperature, color, applied film thickness and air movement.)
- DRIES BY:** Oxidation
- CLEAN UP:** Clean Soapy Water
- THINNING:** Not recommended
- WEIGHT/GAL:** 8.61 lbs.
- SHELF LIFE:** Unopened, 2 - 3 years on average.
- PACKAGING:** Qts. – 6/cs. | Gal. – 4/cs.

## RECOMMENDED PRIMER COATINGS

Self-Sealing Clear

## APPLICATION EQUIPMENT

**Brush Application:** Apply using quality Synthetic brush.

**Roller, Pad or T-Bar Application:** Apply using a short nap mohair roller cover, synthetic or lamb's wool pad applicator, or a lightweight T-Bar.

## PRODUCT LIMITATIONS

- Not recommended for application over shellac, lacquers and sealers containing stearates, or wood fillers containing stearates.
- 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.

## CLEAN UP & THINNING INSTRUCTIONS

**CLEAN UP:** All minor spills and spatters should be immediately cleaned with soap and 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 regulations.

**Thinning:** Stir thoroughly and apply as it comes from the container. Thinning is not necessary.

## PRODUCT APPLICATION – General

Rich Wood Oil Modified Waterborne Clear Urethane may be easily applied with a synthetic bristle brush, synthetic or lambs wool pad applicator, roller or a lightweight T-bar as follows;

- Stir product thoroughly before and during application. Do not shake container or bubbles will form in finish.
- For best results, it is recommended to apply 2 or 3 finish coats, allowing 2 to 3 hours dry time between coats. Areas with poor ventilation such as closed rooms, corners and hallways may take longer to dry.
- Apply at the rate of 3 – 4 mils wet (400 – 500 sq. ft. / gal.) following the direction of the wood grain.
- Ideal application conditions are 65° – 80° F and 60% or less relative humidity.
- Maintain a wet edge during application and avoiding lap marks.
- After each coat has dried, abrade the surface with 120 – 150 grit sanding screen or sandpaper. Vacuum and wipe clean, then apply next coat as stated above.
- Avoid heavy traffic or replacing of furniture for at least 72 hours after final coat. When replacing furniture, Do Not Slide!
- Do not install area rugs or clean floors for 7 days.

## PRECAUTIONARY & SAFETY INFORMATION

**CAUTIONS:** 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!**

## 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

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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