

PRODUCT DATA SHEET

PROD. #40 SERIES
RICH WOOD INTERIOR PENETRATING
OIL WOOD STAIN



PRODUCT DESCRIPTION

Rich Wood Penetrating Oil Wood Stain is our premium quality interior wood stain specially formulated to enhance the natural beauty of wood. It penetrates the wood fibers, providing a rich stained finish that seals and protects the wood. Easy to apply, it provides a consistent distribution of color to the wood, and may be tinted to a variety of colors.

PRODUCT FEATURES	PRODUCT USES		PERFORMANCE QUALITIES	
 Penetrates & Seals Wood Fibers 	Suitable for, but not limited to application on the following		Product Quality:	Premium
 Enhances Wood Grain 	properly prepared surfaces;		Product Use:	Interior Only
 Resists Moisture 	INTERIOR - Wood		Application Methods:	Brush, Roller, Pad, Airless Spray
 Protective Stain Finish 	Trim	Furniture	Product System:	Solvent Based
 Tintable 	Doors	Floors	Sheen:	N/A
 Application Versatility 	Paneling	Specialty Wood Crafts	VOC Compliance:	AIM
Easy To Apply	Cabinets		Federal Standards:	TT-S-711C
	For Interior Use Only!			

SURFACE PREPARATION

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

- New Wood All wood surfaces should be uniformly sanded smooth with 180 220 grit sandpaper.
 Remove any sanding dust by vacuuming, air blowing, dusting clean with a dry rag or wiping with a tack cloth. Open grained woods, such as Oak or Walnut should be filled with paste wood fillers if so desired, allowed to dry and sanded smooth. Closed-grained woods, such as Maple, Birch or Pine should not need paste wood fillers. When sanding the wood surface, always sand with the grain.
- Painted Wood Wood surfaces that are currently painted should have the existing coating completely
 removed by use of liquid wood strippers, hand scraping, sanding, and wire brushing or by use of power
 sanders, grinders, etc. Repair/replace all damaged, delaminated and surface imperfections with the
 proper patching compounds or building materials. Sand smooth the entire wood substrate as stated
 above, and thoroughly remove sanding dust before staining.

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.

- NOTE: Always experiment by staining samples of the wood you plan to stain until desired color and effect are obtained. Different types of wood always accept stains differently, i.e. soft woods will accept stain at a darker level then hard woods.
- 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

<u>PIGMENT: 6.14%</u> <u>VEHICLE: 93.86%</u>

More Detailed Product Analysis Data Is Available Upon Request.

TECHNICAL DATA

COLORS: Clear

TINTING: Universal 888 Colorant

VEHICLE TYPE: Alkyd

• VISCOSITY: 18 – 20 Sec. / #2 Zahn Cup

• GLOSS @ 60°: Lo-Lustre / 10 units ± 2

FLASH POINT: 105º F

 VOC: Not to Exceed 550 g/l – 4.62 lb/gal (Meets AIM Standards)

SOLIDS: By Volume: 30.59% ± 2%
 By Weight: 38.34% ± 2%

 COVERAGE: 400 – 600 Sq. Ft. / Gal. (Coverage will vary significantly depending on application method, surface porosity and condition of the surface.)

• MIL FILM: Estimated @ 500 Sq. Ft. / Gal. Wet: 3.2 mils Dry: 1.0 mils

• DRY TIME: (@ 70° F & 50% Relative Humidity)

To Touch: 4 – 6 Hours Recoat: Overnight

(Dry times listed may vary according to relative humidity, temperature, film build, color and air movement.)

• DRIES BY: Coalescence / Solvent Evaporation

• CLEAN UP: Mineral Spirits

• THINNING: Mineral Spirits

RECOMMENDED PRIMER COATINGS

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;

· Self-Priming

APPLICATION EQUIPMENT

- Brush Application: For best results, apply using quality a quality natural bristle brush.
- Roller Application: Apply using a 3/16 3/8" nap synthetic, mohair roller cover, or pad applicator.
- Airless Spray Application:

Pump: Graco – GM3000/495ST Wagner – EP2300

Tip: 0.013 – 0.015 Reversible
 Pressure: Minimum 200 - 1000 psi

• **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: 7.41 lbs.
 Shelf Life: Unopened – 2 to 3 Years

CLEAN UP & THINNING INSTRUCTIONS

Clean Up: Clean up any minor spills and spatters 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**.

PRODUCT APPLICATION - General

Rich Wood Interior Penetrating Oil Wood Stain may be easily applied with a quality brush, roller, or airless spray equipment.

- Stir thoroughly before and during application so pigments stay properly dispersed. This will prevent drastic color variations in the finished stained wood.
- For best results, it is recommended to apply by brush or roller to effectively work stain into wood pores.
- When applying with a brush, or roller cover, use a natural bristle brush, or Mohair roller cover and apply a smooth and generous coat application.
- Apply the stain with the wood grain to the entire surface area achieving a uniform wet look.
- Allow the stain to stand for approximately 5 to 15 minutes, then, wipe the
 excess away with a dry, lint free cloth.
- Depending on the desired effects, you may repeat the above for a deeper, richer stain effect.
- If applying by airless spray, it is recommended to use a unit with a minimum of 200 to 1000 psi of pressure with a 0.013 to 0.015 fluid spray tip.
- It is recommended to back-roll/brush the surface during spray application to work stain into surface pores and insure an even coat application.
- Again, allow stain to stand for approximately 5 to 15 minutes, then wipe with a clean dry lint free cloth.
- Apply when surface and ambient temperatures are above 55° F and below 90° F. Keep From Freezing!

PRODUCT LIMITATIONS

- Not for exterior application.
- 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 OUT OF REACH OF CHILDREN! 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!

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.