



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 63

RICH WOOD POLYURETHANE
SEMI-GLOSS VARNISH

PRODUCT DESCRIPTION

Richard's Rich Wood Polyurethane Semi-Gloss Varnish has been formulated to provide the maximum beauty and protection for interior and exterior woods. A unique blend of copolymer synthetic resins give this product excellent durability and hardness. It is non-yellowing, resists flaking, chipping, salt water, light chemical cleaning and is alkali resistant. It is ideal for use in areas where abrasion resistance is needed, as well as staining resistance from the use of household chemicals are a consideration. Its excellent qualities of wear and durability allows this product to be used in Hospitals, Schools, Hotels, Factories, Etc.

Contains No Lead Pigments! FOR INTERIOR OR EXTERIOR USE!

SPECIAL NOTE: Exterior use is limited to doors and porch ceilings. NOT FOR USE ON EXTERIOR SIDING OR TRIM!

SUGGESTED PRODUCT USE

SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SURFACES:

INTERIOR WOOD DOORS * WOOD FURNITURE * INTERIOR WOOD TRIM
WOOD CABINETS * WOOD FLOORS * PORCH CEILINGS * EXTERIOR DOORS

PRODUCT FEATURES

EXCELLENT WEAR * EXCELLENT DURABILITY * ALKALI RESISTANT * ABRASION RESISTANT
RESISTS FLAKING & CHIPPING * CONTAINS NO LEAD PIGMENTS

PRODUCT SPECIFICATION DATA

* COLORS:	Clear
* FINISH:	Semi-Gloss
* FLASH POINT:	106° F.
* METHOD USED:	T.C.C.
* COATING V.O.C.:	Not To Exceed - 3.80 LB/GAL. - (450 GRAMS/LTR.)
* SOLIDS:	By Volume: 43.42% By Weight: 50.65%
* RECOMMENDED MIL FILM:	Wet: 3.6 mils - (Estimated at 450 Square Feet Per Gallon). Dry: 1.5 mils - (Estimated at 450 Square Feet Per Gallon).
* ESTIMATED COVERAGE:	Covers approximately 450 - 500 square feet per gallon, depending on the type of application and the porosity of the surface area to be varnished.
* CLEAN UP:	Mineral Spirits
* THINNING:	Do Not Thin
* ESTIMATED DRY TIME:	Dries to the touch in approximately 6 - 8 hours, for recoat after overnight dry, depending on conditions.

PRODUCT ANALYSIS DATA

PIGMENT: 1.33%

VEHICLE: 98.67%

MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON FORMAL REQUEST.

SURFACE PREPARATION

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/replace and 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.

*** SPECIAL NOTE *** When finishing any bare wood surface areas, a sealer coat of this product thinned with a pint of mineral spirits per gallon is recommended. Allow approximately 24 hours to dry, then lightly sand smooth with 220 grit sandpaper. This procedure will promote a smoother finish coat.

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 a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD, or log on to www.epa.gov/lead

PRODUCT APPLICATION

Richard's Rich Wood Polyurethane Semi-Gloss Varnish is easily applied with a quality natural bristle brush, mohair roller cover, HVLP or airless spray equipment. For best results, it is recommended to apply two (2) finish coat applications. When applying with a 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, avoiding any excessive build up. If applying with an airless sprayer, it is recommended to use a unit with a minimum of 2000 psi of pressure, with a 0.011 - 0.013 fluid spray tip. During spray application, the surface area should be back-rolled and/or back-brushed so to insure proper adhesion and a smooth finish. The first coat application should be allowed to dry overnight, then lightly sanded with 220 grit sandpaper or wiped down with a #4 finishing steel wool to effectively dull any existing sheen before application of second coat application. **Richard's Rich Wood Polyurethane Semi-Gloss Varnish** is fully cured and mar-proof within five (5) days. Apply when temperature are above 55° F.

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

PRECAUTIONS

CAUTION: 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 relighted 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, **SEEK IMMEDIATE MEDICAL ATTENTION!** If affected by inhalation, move immediately to fresh air. If swallowed, **DO NOT INDUCE VOMITING, SEEK IMMEDIATE MEDICAL ATTENTION!**

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

MIXING INSTRUCTIONS & PACKAGING

Stir thorough and apply as it comes from the container. **THINNING IS NOT NECESSARY!**

* **Pint Cans:** N/A

* **Quart Cans:** 6 Per Case

* **Gallon Cans:** 4 Per Case

* **Two Gallon Cans:** N/A

* **Five Gallon Cans:** N/A

* **Weight Per Gallon:** 7.57 lbs.

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