



PRODUCT TECHNICAL DATA INFORMATION

PRODUCT NO.: 73

RICH WOOD ACRYLIC URETHANE
SEMI-GLOSS VARNISH

PRODUCT DESCRIPTION

Richard's Rich Wood Acrylic Urethane Semi-Gloss Varnish is a specially formulated acrylic urethane varnish, designed for application to a variety of interior wood surfaces, including wood floors. It provides a hard and durable semi-gloss finish that dries crystal clear. It dries fast, resists abrasion, chipping and cracking and resists household cleaning liquids. It has a low odor, has superior brushing and leveling properties, is non-yellowing, cleans up with water, excellent product versatility, and is non-flammable. Its special formulation enhances the total beauty of bare and/or stained wood surfaces. **ENVIRONMENTALLY SAFE! FOR INTERIOR USE ONLY!**

SUGGESTED PRODUCT USE

SUITABLE FOR APPLICATION TO THE FOLLOWING PROPERLY PREPARED SURFACES:

**WOOD DOORS & TRIM * WOOD PANELING * WOOD CABINETS * WOOD FLOORS * WOOD FURNITURE
PREVIOUSLY PAINT SURFACES * ARTS & CRAFTS**

PRODUCT FEATURES

**DURABLE SEMI-GLOSS FINISH * DRIES CRYSTAL CLEAR * NON-YELLOWING * RESISTS ABRASIONS * NON-FLAMMABLE
RESISTS CHIPPING & CRACKING * ACRYLIC FORMULATION * ENVIRONMENTALLY SAFE!**

PRODUCT SPECIFICATION DATA

* COLORS:	Clear
* FINISH:	Semi-Gloss
* FLASH POINT:	N/A
* METHOD USED:	T.C.C.
* COATING V.O.C.:	Not To Exceed - .42 LB/GAL. - (50 GRAMS/LTR.)
* SOLIDS:	By Volume: 37.82% ± 2% By Weight: 38.82% ± 2%
* RECOMMENDED MIL FILM:	Wet: 4.6 mils - (Estimated at 350 Square Feet Per Gallon). Dry: 1.7 mils - (Estimated at 350 Square Feet Per Gallon).
* ESTIMATED COVERAGE:	Covers approximately 300 - 500 square feet per gallon, depending on the type of application and the porosity of the surface area to be varnished.
* CLEAN UP:	Warm Soapy Water
* THINNING:	Clean Water
* ESTIMATED DRY TIME:	Dries to the touch in approximately 1 - 2 hours, for recoat in 4 - 6 hours, or after overnight dry, depending on conditions.

PRODUCT ANALYSIS DATA

PIGMENT: 0.90%

VEHICLE: 99.10%



MORE DETAILED PRODUCT ANALYSIS DATA IS AVAILABLE UPON FORMAL REQUEST.

SURFACE PREPARATION

GENERAL: The entire surface area to be varnished should be clean, dry, sound, and free from all dust, dirt, grease, oils, waxes, mildew and any other surface contaminants. New and/or bare wood surfaces should be lightly sanded smooth with a very fine grit sandpaper. Remove any sanding dust with a tack cloth and/or vacuum. All cracks, gouges, dents and other surface imperfections should be properly repaired with the proper wood putty. Allow repaired surface areas to dry thoroughly, then sand smooth. Surface areas that are to be stained before application of varnish should be allowed to dry thoroughly. Previously finished surface areas that are in good condition should be thoroughly cleaned, then lightly sanded to dull the existing sheen, as well as remove any loose scale, chipping and/or peeling brittle varnish surface areas. Previously finished surface areas that are in poor condition should be completely stripped to the bare wood substrate. Repair/replace any damaged and/or delaminated surface areas.

SPECIAL NOTE: WHEN USING WOOD PUTTY FOR CERTAIN TYPES OF WOOD REPAIR, ALLOW THE REPAIR TO DRY THOROUGHLY. IF A VARNISH FINISH COAT IS APPLIED TOO SOON, A "HAZE EFFECT" CAN OCCUR. SHOULD THIS PROBLEM OCCUR, LIGHTLY SAND THE AFFECTED AREA, THEN RE-FINISH WITH THE ACRYLIC URETHANE VARNISH.

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 Acrylic Urethane Semi-Gloss Varnish may be easily applied with a quality nylon/polyester blend brush, roller, or airless spray equipment. For best results, it is recommended to apply with a brush and/or roller cover. If applying with a brush, use in/on small surface areas, such as trim or cutting-in larger surface areas. Apply a smooth and generous coat application with the wood grain and brush into previously applied coating area to maintain a wet edge. If applying with a roller cover, apply an even and generous coat application with the direction of the wood grain. Maintain a wet edge by rolling into previously applied coating area, avoiding any excessive respraying or reworking. 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-brushed and/or back-rolled to insure proper adhesion and a smooth and even coat application. For superior finish results, it is recommended to apply two (2) or three (3) finish coat applications. Allow each coat application to dry thoroughly, then lightly sand to dull existing sheen. On bare wood, **Rich Wood Acrylic Urethane Semi-Gloss Varnish** will act as its own primer. Apply when surface and ambient temperatures are above 55° F and below 90° F. **Keep From Freezing!**

PRECAUTIONS

CAUTION: KEEP OUT OF REACH OF CHILDREN! Avoid prolonged contact with skin and breathing of vapors and/or spray mists. **USE WITH ADEQUATE VENTILATION!** Where ventilation is inadequate, use a suitable respirator. 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 soap and water. For eye contact, flush thoroughly 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!**

MIXING INSTRUCTIONS & PACKAGING

Stir thoroughly and apply as it comes from the container. **Do Not Shake! Thinning Is Not Necessary!** However, if thinning is required, you may add **Clean Water** up to ½ pint per gallon.

* **Quart Cans:** 6 Per Case

* **Gallon Cans:** 4 Per Case

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

* **Weight Per Gallon:** 8.61 lbs.

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