



Coatings Excellence Since 1899

PRODUCT DATA SHEET

Poly-U-Var Premium Polyurethane Wood Finish Gloss

Product Code: 020924

DESCRIPTION

Poly-U-Var Premium Polyurethane Wood Finish is an extremely durable clear varnish available in three popular sheens. It is recommended for interior residential or commercial floors, paneling, cabinets, doors, trim, furniture, and bar tops, etc. It is not recommended for rough texture paneling or siding. This product is superior to conventional polyurethane in toughness, resistance to alcohol, water, cleaners, and abrasion.

FEATURES

- Superior Abrasion Resistance
- Exceptional Flow & Leveling
- High Film Build
- Low Odor

STAIN

Sampson carries a variety of standard stain colors in our 029000 series. We also offer customer coloring for minimum volume orders.

APPLICATION METHOD

Do not shake or stir excessively. Apply with a clean, China bristle brush, lambs wool applicator, or mohair roller. Sand/screen between coats according to NOFMA Standards. Remove dusts and residues by vacuuming and/or tack cloth. Product is Self sealing. Apply 2-3 coats on unfinished wood.

PHYSICAL PROPERTIES

Vehicle Type:	Oil-modified Urethane
Flash Point:	100 °F
Weight Solids:	48 - 52 %
Volume Solids:	41 - 45 %
Weight Per Gallon:	7.3 - 7.7 lbs/gal
Ford #4 Viscosity (25°C):	28 - 32 sec
60° Gloss:	90+
English VOC:	< 3.8 lbs/gal
Metric VOC:	< 450 g/l
Dry to Touch:	2 - 4 hours
Dry to Dust Free:	4 - 8 hours
Dry to Hard:	4 - 8 hours
Dry to Sand/Recoat:	8 hours
Dry Film Thickness:	699 sq ft (1 mil dry film)
Application Method:	See Paragraph
Reduction Solvent:	022008 Mineral Spirits
Clean Up Solvent:	022008 Mineral Spirits

1. A light screening to roughen the surface is recommended after 48 hours cure to ensure proper intercoat adhesion.



This product has passed the testing specifications of the Maple Flooring Manufacturers Association for a gym floor.

www.maplefloor.org

3/10/2010 - This document supercedes all previous product data sheets.

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SAFETY:

Before starting any of the following procedures, be sure you have and use Personal and Environmental Protective Equipment for all hazards involved. Please read the Material Safety Data Sheet information before using this product.

ADVISORY:

The National Paint and Coatings Association (NPCA) has determined that 80% of all paint and coatings failures can be directly related to improper or inadequate surface preparation.

National Paint and Coatings Association, www.paint.org

CAUTION!**COMBUSTIBLE LIQUID AND VAPOR;****WARNING!****VAPOR HARMFUL!
HARMFUL OR FATAL IF SWALLOWED;****PRECAUTIONS:**

Dry times are based on laboratory tests at 77 °F and 50% relative humidity. Low temperature, high humidity, heavy application and excessive film build will extend drying times.

WARNING:

Use only with adequate ventilation. Do not breathe vapors or spray mists. Ensure fresh air entry during application and drying. If sanding, applying by spray application, or you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor mist levels above applicable limits, wear an appropriate properly fitted respirator (NIOSH approved) during and after application. Follow manufacturer's directions for respirator use. Close container after each use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

If you scrape, sand or remove old paint from any surface, you may release lead dust or other chemical dust hazards. 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 dust exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

National Institute for Occupational Safety and Health, www.cdc.gov/niosh/programs/
Mine Safety and Health Administration, www.msha.gov

FIRST AID:

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. CALL PHYSICIAN IMMEDIATELY. In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water.

SPILL:

If spilled, contain spilled material and remove with inert absorbent.

DISPOSAL:

Dispose of contaminated absorbent, container, and unused contents in accordance with local, state and federal regulations.

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