



# CLEAR ACRYLIC POLYURETHANE

## 9430 CLEAR SATIN

### General Description

A clear acrylic polyurethane formulated to provide outstanding hardness and durability on interior wood surfaces. This product has exceptional build qualities, very low odor, and will not yellow like solvent based clear finishes.

### Physical Product Data

Product Type	Acrylic / Polyurethane Blend	V.O.C.'s	<150 g/L
Volume Solids	35% ± 2%	Gloss at 60°	40 - 50
Solids by Weight	36% ± 2%	MPI / Other Certifications	
Weight per Gallon	8.5 lbs.	Flash Point	>200 °F
Viscosity	83 - 87 KU	Packaging Options	1 Gallon; 5 Gallon
Coverage per Gallon (smooth nonporous surfaces)	400 – 450 sq. ft.	Available Colors	Clear
Recommended Wet Mil Thickness (Per Coat)	3.0 - 4.0	Recommended Dry Mil Thickness (Per Coat)	1.0 – 1.33

### Where to Use

For use on most interior wood surfaces including doors, trim, cabinets, furniture, paneling, and carsiding.

### General Surface Preparation

Surface to be coated must be clean, dry, and free from all surface contaminants including but not limited to: dust, dirt, oil, grease, wax, etc. Dull all glossy surfaces to create a slight profile by lightly sanding. Do not use steel wool as any loose fibers left on the surface will cause rust marks in the finish. This product should not be used over sealers or finishes containing wax, silicones, or stearates.

- **New Wood:** Fill nail holes and imperfections with a water-based wood putty. When thoroughly dry, sand with fine grit sandpaper following the grain of the wood. Remove all sanding dust.
- **Old Finishes:** If in good condition sand lightly with a fine grit sandpaper and remove all sanding dust.

When applying over stain, be sure that the stain has thoroughly dried and all excess stain has been wiped off. Solvent based stains, putty, etc. may require longer dry times to avoid trapping solvents which can lead to a whitish hazing of this product. Always test in a small inconspicuous area before proceeding with the entire project.

**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 properly fitted 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](http://www.epa.gov/lead).

### Application Guide

Stir (do not shake) contents thoroughly before and during application. Apply 2 or 3 thin, even coats along the grain of the wood as needed, keeping a wet edge to avoid lap marks. Let dry thoroughly between coats, then lightly sand with fine sandpaper and remove sanding dust. This product goes on with a milky appearance but will dry clear.

- **Application Tools:** High quality nylon or polyester brush. High quality synthetic roller cover.
- **Airless Sprayer:** Minimum Pressure 1500 psi, .013 - .015 tip size.

Thinning is not normally required.

Do not apply when air and substrate temperatures are below 50° F or above 90°F

- **Dry times:** @77°F, 50% RH – to touch 30-60 minutes - to recoat 2-4 hours. Dry times can vary depending on temperatures, humidity, and film build.
- **Cleanup:** Clean up spills or splatters immediately with soap and warm water. Clean painting tools with soap and warm water.

Not recommended for exterior use or for application to surfaces subject to immersion or prolonged contact with water.

**KEEP FROM FREEZING!**

**Environmental, Health & Safety Information**

May cause irritation to the skin or eyes. **Use only with adequate ventilation.** Avoid prolonged breathing of vapor, spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid exposure to dust and spray mist by wearing a properly fitted and approved NIOSH respirator. Follow respirator manufacturer’s directions for use. Avoid contact with the skin and eyes. Wash skin thoroughly with soap and water after handling.

When spraying be sure to follow all precautionary safety measures. Spray equipment must be handled with due care and in strict accordance with sprayer manufacturer’s recommendations. Use of a NIOSH approved respirator when spraying is recommended.

Do not pour leftover material down a drain. Always recycle leftover material when possible. Consult your local sanitation department or recycling center for disposal options. Hirshfield’s is a member of MN Paint Care Inc. For more information visit [www.paintcare.org](http://www.paintcare.org)

**First Aid Information**

In case of eye contact, flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately if irritation persists. For skin contact, wash thoroughly with soap and water. Use with adequate ventilation. If you experience difficulty breathing, headache, or dizziness, leave the area and obtain fresh air. If symptoms persist, seek medical attention.

If swallowed call the POISON CONTROL CENTER, EMERGENCY ROOM, OR PHYSICIAN IMMEDIATELY.

**CLOSE CONTAINER AFTER EACH USE!**

**KEEP OUT OF REACH OF CHILDREN!**

**DO NOT TAKE INTERNALLY!**

For additional health and safety information refer to the Safety Data Sheet (SDS) available at [www.hirshfields.com](http://www.hirshfields.com)

**NOTICE:** The information and recommendations set forth in this document are true and correct to the best of our knowledge at the time of publication. We do not express, warrant or guarantee the accuracy, completeness, or reliability of same. Improvements in coatings technology may cause future technical data to vary from what was available when this bulletin was printed.

**REVISION DATE**

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