



# 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	30% ± 2%	Gloss at 60°	40 - 50
Solids by Weight	32% ± 2%	MPI / Other Certifications	
Weight per Gallon	8.7 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, and paneling.

## 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, 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 a 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!!** This product complies with federal law restricting the presence of lead in consumer coatings. Removal of old paint by sanding, scraping, or other means may generate dust or fumes which contain lead. **EXPOSURE TO LEAD DUST OR FUMES MAY CAUSE BRAIN DAMAGE OR OTHER ADVERSE HEALTH EFFECTS, ESPECIALLY IN CHILDREN OR PREGNANT WOMEN.** Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment such as a properly fitted NIOSH approved respirator, and containment, and clean-up. For more information, contact the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

## Application Guide

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Stir 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. This product goes on with a milky appearance but will dry clear.

- **Application Tools:** High quality polyester or chinex bristle brush. High quality synthetic roller cover.
- **Airless Sprayer:** Minimum Pressure 1500 psi, .013 - .015 tip size. It is always advisable to back-roll the area to ensure proper adhesion and an even coat application.

Thinning is not normally required but may be necessary under certain conditions such as low humidity, or warm conditions. If needed add no more than 4 ounces of clean water per gallon. A suitable paint extender can also be used.

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 2-3 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. After cleaning spray equipment with water, flush with mineral spirits to prevent rusting. Follow all manufacturers safety recommendations when using mineral spirits or other solvents.

Not recommended for exterior use or for application to floors, decks or to surfaces subject to immersion or prolonged contact with water. **KEEP FROM FREEZING!**

### Environmental, Health & Safety Information

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Some of the components of various coatings may be irritating to the skin and/or eyes. Use only with adequate ventilation. Avoid prolonged breathing of vapor, spray mist or sanding dust by wearing an approved NIOSH respirator. Follow respirator manufacturer's directions for use. Wash thoroughly after handling. Close container after each use.

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. High pressure may inject the coating into the skin causing serious injury. 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

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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.

**KEEP OUT OF REACH OF CHILDREN!**

**DO NOT TAKE INTERNALLY!**

Safety Data Sheet (SDS) information is available at [www.hirshfields.com](http://www.hirshfields.com)

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**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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