



PRE-CATALYZED EPOXY

INTERIOR WATER BASED

989X EGGSHELL · 969X SEMI-GLOSS

General Description

An extremely durable single component epoxy that offers many of the characteristics of traditional two component epoxies. This product has excellent adhesion to many properly primed and prepared substrates, is chemical and stain resistant, and will perform well in moderately severe exposures and high traffic areas subject to frequent cleaning.

Where to Use

Interior use in kitchens, bathrooms, cafeterias, schools, hospitals, and other commercial and industrial areas, subject to abuse and frequent cleaning. Suitable for use in USDA inspected facilities.

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, mildew, loose and flaking rust, efflorescence, chalk, curing compounds, and release agents. All old loose and/or peeling paint must be removed to provide a sound surface. Dull all glossy surfaces to create a slight profile by lightly sanding.

- **Drywall:** Fill nail holes and imperfections with spackle or joint compound. When thoroughly dry, sand all patches and tape joints smooth and remove all sanding dust.
- **Concrete / Masonry / Plaster:** New concrete, mortar, and plaster must cure for a minimum of 30 days and have a maximum pH of 9. Remove all form release agents, curing compounds, efflorescence, and any other foreign materials by brush blasting or chemical cleaning.
- **Wood:** Sand smooth any exposed wood, fill nail holes and any imperfections with wood filler and sand smooth. Remove all sanding dust.
- **Metal:** Some factory applied finishes containing Kynar® or siliconized polyester resins may require special surface preparation or use of a suitable bonding primer. Always perform an adhesion test over these surfaces before painting.

Minimum recommended surface preparation;

Iron & Steel	SSPC-SP1 / SSPC-SP2	Galvanized Metal	SSPC-SP1
Aluminum	SSPC-SP1	Concrete & Masonry	SSPC-SP13 / NACE 6

For best results on iron and steel a commercial blast (SSPC-SP6) is recommended.

Physical Product Data*	9890 (Eggshell)	9690 (Semi-gloss)
Product Type	Acrylic	Acrylic
Volume Solids	35% ± 2%	29% ± 2%
Solids by Weight	49% ± 2%	42% ± 2%
V.O.C.'s**	<100 g/L	<50 g/L
Weight per Gallon	10.6 lbs.	9.8 lbs.
Viscosity	95-100 KU	100-105 KU
Flashpoint	N/A	N/A
Gloss at 60°	10 - 20	55 - 65
Coverage per Gallon (smooth nonporous surface)	350 – 400 sq.ft.	350 – 400 sq.ft.
Recommended Wet Mil Thickness	4.0	4.0
Recommended Dry Mil Thickness	1.5	1.5
MPI Certifications		MPI #141 & 147

* Reported values are for white base

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.

Recommended Primers*

Drywall / Plaster	Hirshfield's	1270 – Contractor Select Zero Primer 1258 – Contractor Select PVA Drywall Primer 1255 – Primer Sealer Drywall Primer 1250 – Drywall Primer 70150 – Premier Drywall Primer
Concrete / Masonry	Hirshfield's	1450 – Acrylic Latex Block Filler 4050 – A.M.P Acrylic Masonry Primer
Wood	Zinsser®	56924972X – Smart Prime® Water-Base Primer
Steel	Hirshfield's	Consult with your Hirshfield's representative for recommendations
Aluminum / Galvanized Metal	Hirshfield's	Consult with your Hirshfield's representative for recommendations Some galvanized surfaces may have been passivated to help prevent white rusting during shipment and storage. These coatings must be removed prior to priming or painting. Check with your Hirshfield's representative for the best way to test for and remove these passivators.

* Other primers may be appropriate. Check with your Hirshfield's representative for other recommendations. Certain colors or drastic color changes may require a gray shaded primer. Stains from water, smoke, ink, permanent marker, grease, etc. should be sealed with an appropriate stain killing primer/sealer.

Application Guide

Refer to SDS before use. Stir contents thoroughly before and during application. Intermix containers of the same color to insure color uniformity. Apply 1 or 2 full coats as needed, keep a wet edge to avoid lap marks. Let dry thoroughly between coats.

- **Application Tools:** High quality nylon or polyester bristle brush. High quality synthetic roller cover.
- **Airless Sprayer:** Minimum Pressure 2000 psi, .015 - .019 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.

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

- **Dry times:** @77°F, 50% RH – to touch 60 minutes - to recoat 4-6 hours. Dry times can vary depending on temperatures, humidity, color, 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 floors or decks or 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

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

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.

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