



ACRYLIC EPOXY

INTERIOR WATER BASED 2 COMPONENT COATING

9790 WHITE BASE

9792 MEDIUM BASE

9705 – SATIN ACTIVATOR 9706 SEMI-GLOSS ACTIVATOR

General Description

A low odor two component acrylic epoxy coating for interior use where a durable finish with abrasion, chemical and stain resistance is required. Gloss is determined by using either the #9705 Satin Activator or the #9706 Semi-gloss Activator.

Where to Use

Interior use in kitchens, bathrooms, cafeterias, schools, hospitals, and other commercial 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 and mortar 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*	979x / 9705 (Satin)	979X / 9706 (Semi-gloss)
Product Type	Acrylic	Acrylic
Volume Solids	36% ± 2%	36% ± 2%
Solids by Weight	50% ± 2%	50% ± 2%
V.O.C.'s**	<250 g/L	<250 g/L
Weight per Gallon	10.6 lbs.	10.6lbs.
Viscosity	95-100 KU	95-100 KU
Flashpoint	>200 °F	>200 °F
Gloss at 60°	30 - 35	45 - 55
Coverage per Gallon (smooth nonporous surface)	350 – 400 sq.ft.	350 – 400 sq.ft.
Recommended Wet Mil Thickness	5.5	5.5
Recommended Dry Mil Thickness	2.0	2.0
MPI Certifications		

* Reported values are for White Base

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.

Recommended Primers*

Drywall / Plaster	Hirshfield's	1270 – Contractor Select Zero Primer 1258 – Contractor Select PVA Drywall Primer 1255 – Prime-Seal PVA Drywall Primer 1250 – Drywall Primer
Concrete / Masonry	Hirshfield's	1450 – Pro-wall 4000 Latex Block Filler 4050 – A.M.P Acrylic Masonry Primer
Wood	Zinsser®	569682X – AllPrime Interior Water-Base Primer & Sealer
Steel	Hirshfield's	9250 – Acrylic DTM Primer
Aluminum / Galvanized Metal	Hirshfield's	9250 – Acrylic DTM Primer 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. This is a two component system, for simplicity this product is supplied in pre-packaged quantities that when components are mixed together it makes either a full gallon or 5 gallon. Gallons of base are short filled to accept a quart of activator, 5's are short filled to accept a gallon of activator. **Induction time once mixed: 30 minutes.** 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. **Pot Life once mixed: 36 hours A 77°F.**

- **Application Tools:** High quality polyester or chineX 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. 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 4 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. 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 or decks or to surfaces subject to immersion or prolonged contact with water.

Environmental, Health & Safety Information

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 or storm sewer. 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.

KEEP OUT OF REACH OF CHILDREN!

DO NOT TAKE INTERNALLY!

Safety Data Sheet (SDS) information is available at www.hirshfields.com

KEEP FROM FREEZING

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. **Revised 8/08/2018**