



Pre-Catalyzed Water Based Epoxy 9690 Series

Resin Type	Sheen	Quality Level	Spread Rate	Clean Up	Thinner	Dry at 77 °F	V.O.C. Level
acrylic	semi-gloss	industrial premium	350-400 sq. ft./gal.	water	water	1 hour tack free 4 hours to recoat	< 100 g/L

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 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

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

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, curing compounds, and release agents. All old loose and peeling paint must be removed to provide a sound surface. Dull all glossy surfaces by sanding. Can be applied over most previously painted surfaces that are properly prepared and in sound condition. Concrete, plaster, and other masonry surfaces should be cured for a minimum of 30 days and have a maximum pH of 10. All curing and release compounds must be removed by brush blasting or chemical cleaning. 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
Aluminum	SSPC-SP1
Galvanized Metal	SSPC-SP1
Concrete & Masonry	SSPC-SP13 / NACE 6

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

Priming

Drywall – Hirshfield's 88-1258 Drywall Primer or equivalent.

Wood – All-Prime or equivalent.

Concrete & Masonry – 88-1450 Acrylic Block Filler or 88-4050 A.M.P. Acrylic Masonry Primer.

Steel, Aluminum, and Galvanized Metal – 88-9250 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.

Application

Refer to SDS before use. Stir contents thoroughly. Can be applied by synthetic brush, roller, or spray. Airless spray general guidelines - .015-.019 tip 2,000-2,800 psi. Do not apply when air or surface temperatures are below 50° F or above 90° F. On exterior applications do not apply if the temperature is within 5° of the dew point, the relative humidity is above 85%, or if rain is expected within 12 hours of application.

Recommended Film Thickness

Minimum wet – 4.0 mils. Dry – 1.5 mils

Dry Time

Tack Free – 1 Hour. To Recoat – 4 Hours @77°F and 50% RH. These are approximate times and will vary depending on the temperature, humidity, color, and film build.

Cleanup

Cleanup any spills immediately with warm soapy water. Clean all painting equipment with warm soapy water.

Caution

KEEP FROM FREEZING.

See other cautions on page 2.

Disposal

Contact your local environmental regulatory agency for proper disposal of unused product. Do not pour down a drain or storm sewer.

Physical Data (data calculated on 9690 White Base)

Solids by Weight	45% +/- 2%
Solids by Volume	34% +/- 2%
Weight per Gallon	10.05 lbs
Viscosity	105 KU
VOC's	37 g/L
Gloss	55-65 @ 60°

Limitations

Not recommended for use on the following:

- Floors or other horizontal surfaces
- Areas of corrosive chemical environments
- Rusted substrates without adequate surface preparation and must be primed to minimize rust staining through the topcoat.

Excessive color tinting may cause unsatisfactory drying. Since these are water base coatings, dry time will be affected by temperature and humidity.

Not recommended for immersion service or use on damp or wet surfaces, high heat, or humid conditions

Health And Environment

This material contains no lead, mercury or crystalline silica. Material Safety Data Sheets are available upon request. When spraying, use suitable respiratory protection and provide adequate ventilation. Disposal of most latex paints

is allowable in landfills if material is in solid form. Always check with local regulations. Leftover Latex paint is recycable. Contact your local government recycling program for more information.

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 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 respirator (NIOSH approved) and proper containment and cleanup. For additional information, contact the USEPA/Lead Information Hotline at 1-800-424-LEAD.

Medical Response

Emergency Medical Information 1-800-535-5053

Precautionary Information

In all cases, please read respirator manufacturer's instructions and literature carefully to determine the type of airborne contaminants against which the respirator is effective, and how it should be properly fitted.

Some of the components of various coatings may be irritating to the skin and/or eyes, so contact should be prevented. In case of contact, flush skin thoroughly with soap and water. For eyes, flush with plenty of water for at least 15 minutes and get medical attention immediately.

During the application of all coating materials, all flames, welding and smoking must be prohibited.

Before using the products listed herein, carefully read each product label and follow directions for its use. Please read and observe all the warnings and precautionary information on the product labels.

CAUTION! DO NOT TAKE INTERNALLY! CLOSE CONTAINER AFTER EACH USE! KEEP OUT OF THE REACH OF CHILDREN!

Avoid prolonged breathing of vapor and spray mist. Coatings should only be applied when ventilation is adequate. When available ventilation may not be adequate, applicators should wear respiratory protection, choosing the proper respirator with aid of the following:

Outdoor or open areas: Use filter type respirators (approved with NIOSH/MSHA) to remove solid airborne particulates from overspray.

Restricted ventilation areas: Use combination organic vapor-filter type respirators (approved with NIOSH/MSHA) which are designed to purify the air by removing solid airborne particulates and organic vapors.

Confined areas: Use supplied air respirators or hoods (approved with NIOSH/MSHA)

IMPORTANT! When applying coatings by spray equipment, observe all precautionary safety measures. Spray equipment must be handled with due care and in strict accordance with manufacturer's recommendations for personal safety, and to prevent fire. If precautions are not taken, spraying of any material can be hazardous, particularly when using high pressure airless equipment. High pressure may inject coating into the skin causing serious injury, requiring immediate poison center contact and/or hospital treatment. When using or handling spray equipment hoses and the like, observe all required safety practices. In addition, when spraying paint or coatings, wear a respirator recommended for the product being handled. In all cases, wear protective eye equipment.

First Aid Statement

If swallowed, do induce vomiting. In case of skin contact, wash affected area with mild soap and water. In case of eye contact, flush eyes immediately with plenty of water for 15 minutes. If affected by inhalation of vapor or spray mist, remove to fresh air. Apply artificial respiration and other supportive measures as required. If any of the following occur during or following use of this product, contact a **POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN IMMEDIATELY** (have label information available):

- Ingestion
- Excessive exposure to a corrosive material
- Persistent skin/eye irritation or breathing difficulties
- Other symptoms

6/15/15

The facts and figures represented in the specification manual are accurate to the best of our knowledge, and are the results of testing in our laboratory. We do not express, warrant or guarantee the accuracy, completeness, or reliability of same. Since Hirshfield's paint Mfg. is constantly improving its products, future technical data may vary somewhat from what was available when this bulletin was printed.

Corporate Office/Retail/Support Center
725 Second Ave. N., Mpls., MN 55405
612-377-3910 • www.hirshfields.com • e-mail: info@hirshfields.com



Hirshfield's Paint Mfg., Inc.

4450 Lyndale Ave. No. Mpls., MN 55412 / (612) 522 6621