



ACRYLIC EPOXY COATING

9705 SATIN ACTIVATOR, 9706 SEMI-GLOSS ACTIVATOR
9790, 9792 BASES

Resin Type	Sheen	Quality Level	Spread Rate	Clean Up	Thinner	Dry at 77°F.	V.O.C. Level
acrylic epoxy	satin and semi-gloss	industrial maintenance	approximately 300 sq. ft./gal.	water	water	1 hour tack free 4 hours recoat	< 250 g/L

Description

A two-component, low odor, acrylic based epoxy coating suitable for interior use where a durable, abrasion, chemical and stain resistant finish is required. This product is HAPs free, making it ideal for use in schools, hospitals, nursing homes, as well as other commercial and industrial applications. This acrylic epoxy may be applied directly to properly primed wood, drywall and ferrous metal. By using different activators (ie. #9705 you achieve a satin finish, or #9706 a semi-gloss finish).

Surface Preparation/Application

New work - All surfaces must be clean and dry. Remove any contamination such as dirt, grease, oil, wax, or efflorescence with the appropriate cleaner, following the manufacturer's directions.

Old work - All loose flaking peeling paint should be removed by scraping or sanding. Lightly sand all glossy surfaces. Ferrous metal should be cleaned according to SSPC SP-2 or SP-3 and primed with an appropriate primer. Galvanizing and aluminum should be cleaned according to SSPC SP-1, then apply a test patch and check adhesion.

Masonry - New masonry should be cured a minimum of 28 days.

Primer

Sheetrock: Prime with #1250 latex drywall primer. New Wood: Prime with #4250 latex or #9004 oil based undercoater. New Porous Concrete Block: Prime with #1450 latex block filler. Ferrous Metal: Prime with a quality rust inhibitive primer.

Application

This product is a two-component system and must be mixed. Thoroughly mix 1 part of epoxy activator with four parts of acrylic base. For simplicity this product is supplied in pre-packaged quantities that, when combined and mixed, produce one gallon of mixed material and five gallons of mixed material. After induction time has passed this product may be brushed, rolled or spray applied. Do not use product that has exceeded the pot life.

Induction Time: 30 minutes

Pot Life: 36 hours at 77°F.

Recommended wet film per coat: 5.5 mils.

Recommended dry film per coat: 2.0 mils.

Limitations

Not for exterior use. Do not use in temperatures below 50°F. Not for use in high traffic or abuse areas on concrete floors. Not for immersion service or for areas subject to exposure to very strong chemicals.

Available Colors

Tintable to all Hirshfield's White and Medium based colors. Other colors available upon request.

Environmentally Friendly Tips

- Do not mix paints for storage or disposal. Leave paint in the original container.
- Do not throw liquid paint in the trash or pour it down the drain.
- Small amounts of latex paint can be air-dried and disposed through your trash collection system.
- Recycle leftover or unused paint. Call your local government for recycling advice.

Caution

Keep from freezing.
See other cautions on back

Packaging Options

- Gallons
- 5-Gallon Pails

Physical Data

(figures shown are approximate)

Solids by Weight	50% ±2%
Solids by Volume	36% ±2%
Weight per Gallon	10.6
Viscosity	95 KU
Flashpoint	Over 200°F
Gloss @ 60°	30 - Satin
Gloss @ 60°	45 - Semi-gloss

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

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

11/1/08

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.

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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