



PORTER GUARD™ WB Acrylic Epoxy

9549

PORTER GUARD WB Acrylic Epoxy No. 9549 is an ultra low odor, HAPS-free, non-yellowing, interior, two-component, water borne, acrylic epoxy finish that provides enhanced chemical and abrasion resistance with easy application and soap-and-water clean-up. This product is designed for use in hospitals, nursing homes, veterinary centers, schools, offices, corridors, laboratories, etc., wherever a hard, durable finish with lowest-odor application is needed. PORTER GUARD WB Acrylic Epoxy is available in Semi-Gloss (No. 9549S series) and Gloss (No. 9549G series).

USED FOR	FEATURES
• Drywall	• Durable
• Concrete	• Soap and water clean-up
• Masonry, CMU & Brick	• Ultra-low odor
• Primed Metal	• Chemical & solvent resistant
• Wallboard	• Washable, easy to clean
• Plaster	• Apply over latex & alkyd paints
• Wood trim	• Non-yellowing

RECOMMENDED SYSTEMS

PORTER GUARD WB Acrylic Epoxy No. 9549 can be used over a wide variety of architectural and light industrial primers and finishes. **Finish the following primed interior surfaces with one or two coats of PORTER GUARD WB Acrylic Epoxy No. 9549:**

SUBSTRATE	TYPICAL PRIMER*
Aluminum:	272/276, 286, 296
Drywall:	135, 867, 1129
Galvanized Metal:	212/215, 290, 299, 1129, self-prime
Iron, Steel:	212/215, 272/276, 286, 296, 299
Masonry	
Brick:	335, 867, 1129, self-prime
Concrete:	335, 867, 1129, self-prime
Concrete Block (CMU):	222, 896, 6223
Plaster:	135, 867, 1129, self-prime
Repaint:	135, 1129, 6064, self-prime
Wood:	135, 335, 1129, 6064

*NOTE: For "self-prime," thin product 10-20% as appropriate for the substrate.

LIMITATIONS

Potlife is 24 hours—after this time, the product may appear to be serviceable but performance will be greatly diminished. Do not use in immersion service or on floors. Do not apply when air or surface temperature is below 50°F or above 110°F. Surface temperature must be at least 5°F above dew point. For optimum application properties, bring material to 65-85°F (18-29°C). Use for service below 180°F. *NOTE: Coatings containing epoxy resins amber and chalk when exposed to sunlight. Therefore, this product is not recommended for exterior use except very minor incidental use.*

TECHNICAL DATA

Data below is based on Pastel/White base.

Product Type:	Waterborne acrylic epoxy		
Bases/Colors:	Part A	Pt. B/S	Pt. B/G
Pastel/White	9545A	9536B	9556B
Light base	9549A	9536B	9556B
Deep base	9548A	9536B	9556B
UD base	9544A	9536B	9556B

Mix ratio (by volume): 7:1 (2-component)

Induction (Sweat-in) period: 30 minutes

Pot life: 24 hours @70°F (21°C)

	Semi-Gloss	Gloss
Gloss, 60°:	37-43 (Typical range)	72 - 78 (Typical range)
Reflectance:	95 ± 1%	95 ± 1%
Percent Solids:		
Weight:	47 ± 2%	47 ± 2%
Volume:	35 ± 2%	34 ± 2%
PVC:	21 ± 2%	20 ± 2%

Weight/Gallon: 10.2 lb (combined)
(A=10.4 lb/gal; B/S=8.9 lb/gal; B/G=8.6 lb/gal)

Viscosity (Initial): 90 - 100 Krebs Units

Thinner: Thin with clean water as necessary up to 1/2 pint per gallon.

Clean-up: Use warm, soapy water.

Recommended Film Thickness:

Wet: 5.3 mils

Dry: 1.8 mils

Spread Rate (Theoretical): up to 300 sq. ft./gal. on smooth surfaces, 150-225 sq. ft./gal. on rough surfaces.

Dry time (70°F @ 50% R.H.):

To Touch: 1 hour

To Recoat: 2 hours

Full Service: 14-30 days

(Expect longer dry times at lower temperatures and higher relative humidity.)

Flash Point (All Parts): >200°F (>93°C)

Flame Spread Rating: Class A (0-25)

(See Porter Technical Bulletin No. 9: Flame Spread Rating.)

Federal Specification Crossover: None

(See Porter Technical Bulletin No. 6: Federal Specification Performance Crossover.)

Note: This product is not formulated with lead or mercury containing materials.

REGULATORY DATA

VOC based on untinted Pastel base. See labels for other bases.

VOC (theoretical): **9545S** **9545G**

As supplied: 1.98 lb/gal (237 g/l) 2.01 lb/gal (241 g/l)

SURFACE PREPARATION

Paint only clean, dry, deglossed and profiled (blasted, scarified or chemical treated) surfaces. Remove dirt, oils, grease, wax, sanding dust, paint remover, etc. with PORTERPREP™ Heavy Duty Cleaner No. 571, Soilax and water, Porter Paint Thinner No. 5132 or other appropriate cleaners per SSPC-SP 1 cleaning procedures. Remove loose paint, mill scale, rust, etc. by Hand Tool Cleaning (SSPC-SP 2), Power Tool Cleaning (SSPC-SP 3), Sweep Blast Cleaning (SSPC-SP 7) or Abrasive Blast Cleaning (SSPC-SP 6) as appropriate. Treat bare galvanized surfaces with Galvaprep® 5. For mild service, treat bare iron or steel and rust with Metalprep® 79 (also clean other metals with Metalprep 79 prior to painting or as a pre-cleaner prior to other chemical treatment). Treat aluminum with Alumiprep® 33. For best performance, new plaster, concrete and masonry should cure 28 days, and moisture content should be below 12% before painting. *NOTE: Test plaster for water absorption prior to painting (paint will not adhere if water does not wet out the surface and absorb into the plaster). If necessary, sand or acid etch with Metalprep 79 diluted 5 parts water to 1 Metalprep 79.* Fill cracks and holes in wood, drywall, plaster and masonry with appropriate patching compounds or fillers, then sand level and smooth before painting. **Prime all bare substrates (see RECOMMENDED SYSTEMS) before finishing with PORTER GUARD WB Acrylic Epoxy No. 9549 series.**

INSTRUCTIONS FOR USE

Tinting: Tint with Porter DESIGN SPECTRUM® Colorants per label instructions. *Always add tint colorants to Part A.*

Mixing: Product is supplied in two containers as a unit. Always mix a complete unit in the proportions supplied. 1) Mix Part A by shaking or stirring thoroughly. 2) Mix Part B by shaking or stirring thoroughly. (NOTE: 9536B Semi-Gloss catalyst has a flattening agent that may become concentrated at the bottom of the can.) 3) Combine entire contents of Part A and Part B. Mix thoroughly with a power agitator.

Sweat-in: Allow the mixed coating to sweat-in (sit undisturbed) for 30 minutes before applying.

Pot Life: Approximately 24 hours under normal ambient conditions. Pot life will be less at elevated temperatures. *NOTE: Do not refrigerate product to extend the pot life.*

Thinning: If necessary, thin with clean water up to ½ pint per gallon.

Clean-up: Clean tools and spray equipment immediately after use with warm, soapy water.

Application:

Conditions:	Temperature Range:	50°F to 110°F (air, surface, paint) (Optimum temperature range is 65-85°F)
	Dew Point:	Surface temperature must be at least 5°F above the dew point.
	Relative Humidity:	Maximum 85%
Equipment:	Brushes:	Use nylon or polyester brushes.
	Rollers:	Use lint free 3/8" to 3/4" synthetic roller covers.
	Airless Spray:	Minimum 28:1 ratio pump; 1800-2400 psi; .015"-.019" tip.
	Conventional Spray:	DeVilbiss MBC-510 gun; E tip; 704 Air Cap; 3/8" ID material hose; double regulated pressure tank with oil and moisture separator; 20 psi fluid pressure; 40-60 psi air pressure.
Directions:	New Work:	Apply the appropriate selected primer (see Recommended Systems) per label directions. Finish with one or more coats of PORTER GUARD WB Acrylic Epoxy No. 9549 series.
	Repaint:	Spot prime bare areas as necessary with an appropriate primer, then apply one more coats of PORTER GUARD WB Acrylic Epoxy No. 9549 series.

Washing Instructions: Protect the finish from abuse and contamination until well cured, at least 14-30 days. Try to avoid washing the finish for 2-4 weeks. For large areas, wash with a soft sponge and a solution of Soilax or TSP. For marks, pencil, etc., clean with a damp sponge and powdered cleanser being careful not to scratch the surface. For grease and oils, clean with PORTERPREP Heavy Duty Cleaner No. 571, Porter Paint Thinner No. 5132 or mineral spirits.

PRECAUTIONS

Prior to using this product, the user is specifically directed to obtain and read the current Material Safety Data Sheet and Label for this product. If, after reading these documents, you do not understand them, do not use this product. KEEP OUT OF REACH OF CHILDREN.

SHIPPING

Freight Classification: PAINT OR PAINT RELATED MATERIAL

Packaging: Part A: 4 gallons per carton; 5-gallon pail / Part B: 6 pints per carton; 4 gallons per carton

Shipping Weights: Part A: 9.9 lb/gal (40.6 lb/carton); 48.4 lb/5-gal / Part B: 1.2 lb/pint (7.7 lb/carton); 6.4 lb/gal (26.6 lb/carton)



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