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## EpoxyStyle ESD™ Application and Maintenance Instructions

### Floor Preparation

**New concrete floors** should be allowed to cure a minimum of thirty days. Application to floors colder than 60°F is not recommended. Floor surfaces must be free of any release agents, curing compounds, salts or efflorescence before coating. Do not apply to concrete with RH readings above 89% or calcium chloride readings above 3 lb/100 ft<sup>2</sup>/24hrs. Sweep and then wash floors with a neutral detergent, followed by an acid etch. Finally, thoroughly rinse with clean water.

**If floor has been previously coated**, a small area should be cleaned, roughed up by screen disk with a 80-100 Grit screen, washed to remove dust and soil and then sealer applied to test for adhesion, lifting, etc. Any areas of the existing coating which display flaking or poor adhesion should be removed. Wash the stripped areas, acid etch, and rinse thoroughly. Allow the floor to dry.

**Metal, Fiberglass or Wood** should be thoroughly cleaned and degreased using an appropriate cleaning solvent such as Denatured Alcohol, Isopropanol, Mineral Spirits, etc. Sand the surface to be coated with 80-100 grit sand paper. Remove any dust from sanding with the appropriated solvent. Allow the solvent to evaporate completely.

### Mixing

**Catalyzed EpoxyStyle** should be used within six hours of mixing. Prepare only the quantity necessary for immediate use. Add premeasured catalyst to epoxy base. Stir gently until the catalyst has been thoroughly mixed in. Allow catalyzed EpoxyStyle to stand for 5 minutes.

### Application

**Apply catalyzed EpoxyStyle** with a short nap (1/4"-3/8") roller in thin, uniform coats. A minimum of 2 coats is necessary to achieve a uniform appearance on smooth surfaces. Rough or textured surfaces may require additional coats. The initial coat will cover approximately 400-500 ft<sup>2</sup> per gallon. Allow the initial coat to dry for 5-7 hours, then apply a second coat. Second coat coverage is approximately 500-600 ft<sup>2</sup> per gallon. **EpoxyStyle** can also be applied using an electric airless sprayer. Mask surrounding areas to protect them from over-spray. Use of an extension pole can help reduce over-spray. Positive results have been obtained using a 10" fan pattern spray tip with a .017 orifice. Apply a thin, uniform coat, making sure to move at a constant rate. Spraying can apply a heavier coat than rolling, so additional drying time may be required if a second is to be applied.

**NOTE:** This product is not recommended for applications that experience reoccurring standing water. Finished floors may be opened to light traffic, under normal curing conditions, after 24 hours. Complete curing with maximum durability and chemical resistance will take 5-7 days.

### ROUTINE MAINTENANCE

Floor surfaces should be swept daily. EpoxyStyle should be damp mopped only with ProtectOhm ESD™ floor cleaner regularly, to remove soil, salt, and film deposits which can degrade the coatings static dissipative properties and gloss. Spray buffing with a soft polishing pad and misting the floor with DuraShield ESD™ is recommended to maintain optimum appearance and static dissipating properties.



SPECIFICATIONS		SAFETY INFORMATION	
Gloss	Satin/Matte Finish	Health	1
Nonvolatile Solids	35 ± 1%	Flammability	0
Viscosity	400-600CPS	Reactivity	0
pH	6±0.5	Personal Protection	B
Weight/Gallon	9.1 lbs		
Flash Point	>212°F		
Resistivity-ASTM D257 (Meets ESD S20.20)	Medium and Light Gray <10 <sup>6</sup> Ohms Beige <10 <sup>9</sup> Ohms @ 40% Relative Humidity	<b>WARNING:</b> Combustible. Harmful if Swallowed. Contains 2- Butoxyethanol CAS# 111-76-2, Acetone CAS# 67-64-1, and Glycol Ether EP CAS# 2807-30-9. Provide adequate ventilation. Prolonged exposure may cause dizziness. If dizziness occurs, seek fresh air. Use respiration equipment if needed.	
Static Decay Time , FTMS 101B Method 404	0.1 Second	If ingested, induce vomiting with oil of ipecac. For contact with skin or eyes, flush with plenty of water. <b>Consult with a physician.</b>	
Static Generation, ESD STM 97.2	<25 Volts	For detailed information, consult MSDS sheet.	
Static Load, DIN 16961.2	>2500psi		
Abrasion Resistance, ASTM D-1044	SC-10-F Wheel, 550g wt, 10,000 cycles, 1.6% gauge loss		
Slip Resistance, ASTM F 609	0.5 minimum		
Freeze/Thaw Stability	Do Not Freeze		
Drying Time	Dry to Touch 5-7 Hours Open to Traffic 10-12 Hours		
Gallon Coverage	450 - 600 ft <sup>2</sup>		
Film Thickness @450 ft <sup>2</sup> /gallon	3mil wet; 1.1 mil dry		
VOC Content	≤350 grams/liter		
Complies with Ozone Transport Commission and CA VOC regulations.			