

## SL EPOXY (CLEAR)

No VOC, Low Odor Industrial Clear Coat

**Description:** Two-component low-odor, 100% solids, high-build epoxy floor coating designed for applications where heavy-duty protection is required. Easy-to-use, self-leveling and delivers a high gloss and chemically resistant surface. As part of metallic coating systems, may be combined with metallic powder as a color coat.

**Areas of Usage:** Used as a topcoat or may be pigmented for use as a color coat in basements, warehouses, food and beverage facilities, manufacturing facilities, power plants, shop floors, clean rooms, automotive services areas, laboratories, aircraft hangars, garages,. May be used as a clear top coat or color coat anywhere extreme chemical resistance is required.

<b>Features / Advantages:</b>	Clear	High solids
	Chemical resistance	Solvent free
	Self-leveling	Seamless, high-build coat
	Abrasion resistant	Impact resistant
	Zero VOCs	Easy application
	Low odor	Low maintenance

**Surface Preparation:** Allow new concrete to cure for at least 30 days prior to preparation and coating. Test for moisture and remove dust, laitance, grease, curing compounds, preparation bond-inhibiting impregnations, waxes and other contaminants. Prepare concrete via mechanical abrasion (e.g., diamond grinding) and follow with application of appropriate primer and/or color coat.

**Technical Data:** *Note: Data / results may differ due to statistical variations, mixing methods and equipment, temperature, application methods, actual site conditions and curing conditions*

**Packaging:** Part A: 5 US-gallon pail (18.9 L); weight of 55 lbs  
Part B: 5 US-gallon pail (18.9 L); weight of 46 lbs

**Mixing Ratio:** Two (2) parts Part A to one (1) part Part B (i.e., 2:1 ratio); the mixture should not be reduced with solvent

**Application:** Snowplow with a 14" or 18" (3/8" shed-resistant) roller or 3/16" notched rubber squeegee for horizontals and polester brush for peripheries. Immediately back-roll material with roller. Do not back-roll after mixture begins to tack up.

**Average Dry Time at 77°F (25°C):** Dry times vary depending upon weather conditions. **To Touch at 72°F (22°C):** 8-12 hours; **Re-coat at 72°F (22°C) (Min/Max):** 18 – 72 hours; **Light Foot Traffic at 72°F (22°C):** 24 hours; **Vehicle Traffic at 72°F (22°C):** 72 hours; **Full Cure at 72°F (22°C):** 7 days

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Resistance To:	Moisture, stains, chemicals and abrasion (e.g., water, mold, mildew, salt, grease, oil spills, brake fluid, gasoline, hydraulic fluid, xylene, MEK, bases (sodium hydroxide), and acids (hydrochloric, sulphuric, acetic and nitric acids)
Reducing:	Do not reduce.
Finish:	High gloss
Colors:	Clear
% Solids (Vol):	High solids; 100%
% Solids (Wt):	High solids; 100%
VOC:	0 grams/liter (EPA method 24)
Curing Mechanism:	Chemical reaction between components
Theoretical Coverage:	At 10 mils, 160 sq ft; at 30 mils, 53 sq ft
Flexural Strength:	12,800 psi (ASTM D790)
Thickness:	Recommended for application between 10 - 30 mils dry film thickness per coat. Heavy applications exceeding this thickness may result in slow dry.
Hardness, Shore D:	75 (ASTM 2240)
Compressive Strength:	11,600 psi (ASTM C579)
Abrasion Resistance:	50 mg loss (ASTM 4060; 1 K load, 1000 cycles, CS17 wheel)
Pot Life:	Pot Life = 55 minutes @ 55°F (13°C); 45 minutes @ 72°F (22°C); and 20 minutes @ 95°F (35°C).
Shelf Life:	24 months when Parts A and B are not combined, unopened and stored indoors at temperatures between 50°F (10°C) and 100°F (38°C)

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**Mixing:** SL Epoxy is a two component system: Part A and Part B (the activator). When ready to use, mix Part A and Part B in a ratio of 2:1 as follows: add two (2) parts Part A and one (1) part Part B in a bucket and mix immediately. Always mix at a slow mixing speed to avoid introducing air into the mixture. *Do not reduce with solvent.* If polypropylene anti-skid is to be incorporated in the mixture, add the required quantity and re-mix (do not exceed 4 ounces polypropylene anti-skid per 1 - 1 ½ gallons of the mixture).

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**Application Procedure:** SL Epoxy may be used in a variety of coating systems and is typically used as a color or top coat.

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**Handling and Storage:** Store in a cool, dry, well ventilated area. Keep containers tightly closed.

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**• KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN • NOT FOR INTERNAL CONSUMPTION • INDUSTRIAL GRADE • HANDLING AND INSTALLATION MUST BE PERFORMED BY ECO-CORFLEX-CERTIFIED APPLICATORS ONLY •**

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