



## SL-9

### Description: 100% Solids Industrial & Commercial Epoxy Floor Coating

SL-9 is a 100% solids, advanced technology of diglycidyl ether of bisphenol-A resin reacted with a modified multiple ring cycloaliphatic amine adduct activator. The resulting polymer structure is extremely tough with very good chemical resistance to corrosive waters and various other chemicals. SL-9 is resistant to amine blush and water spotting with convenient pre-measured kits, 2:1 ratio and overnight cure. SL-9 is an attractive epoxy floor coating designed to provide penetration, wetting and sealing of substrates and surfaces for improved appearance and protection. It is formulated to be hard, durable, impact and abrasion resistant. The primary use of this 2:1 ratio product system is for industrial floor coatings, industrial work areas, shops, show room floors, commercial floors and forklift traffic work areas.

### Advantages

- ✚ Protective attractive color coat epoxy flooring system
- ✚ Designed to seal floors against abrasion, water, oils and chemicals
- ✚ Good Color stability
- ✚ Provided in two set times



**Preparation:** Concrete must have a minimum 28 day cure prior to application. Remove any curing agent, form release materials, oils, wax, moisture or any material that may affect bonding. \*Perform a Moisture Vapor Test before making the coating application on concrete. Clean by abrasive "brush-off" blast. Provide rough profile minimum 2 mils. Review ASTM D4259 Abrading Concrete and ASTM F1869 Measuring Moisture Vapor Emission. Seal/repair all bug-holes, cracks and spalls, see Premier data sheets on JF-4 (joints). Use a primer over filled cracks and voids. Do not apply SL-9 to floors that have not been properly repaired, treated and primed or that do not have a pH of 7-8.5. Remove all old coatings.



## Properties

Appearance Clear or pigmented  
Viscosity; 350 to 600 cps  
Gel Time, 100g: 30 min to 1 hr.  
Techne GT-3 Gelation Timer

Thin Film Set Time: 4-7 hr. BK Drying Recorder Phase III  
Hardness Shore D: 70 Din 53505  
Compressive Strength, [MPa] 70  
Compressive Modulus, [GPa] 2.0 ISO 604  
Tensile Strength, [GPa] 52  
Tensile Modulus, [GPa] 2.7 ISO 527  
Flexural Strength, [MPa] 94  
Flexural Modulus, [GPa] 2.1 SO 178  
Heat Distortion Temperature C 50 ASTM D648

Carbamation Test (scale 1 to 5) 5

**Thinning:** Xylene(out of CA), use sparingly for desired applicationresult. Test before using on a large area.

**Temperature Range:** 35°F to 125°F (air and surface) and 5°F above dew point.

**Packaging:** 3 gallon kits and 15 gallon kits.

**Pigment Colors:** Medium Gray, Clear, Tile Red,

**Limitations:** Hot conditions: the product may set faster in hot conditions and slower in cold conditions. Keep out of direct sunlight and store the product kits on wood pallets at room temperature. Wear protective clothing, goggles and NIOSH cartridge mask. This product is for use by professional applicators only. Read MSDS before using this product.

DOT/Flash Point – Non-flammable Liquid Classification. Warranty: See

Premier Surfaces Inc. Warranty data sheet. (8/10) Product data sheets subject to change without notice.