



LS65

## PRODUCT DATA

### PRODUCT DESCRIPTION

Epoplex® LS65 is a two component 100 % solids hybridized epoxy coating material designed as a slow setting highway marking coating offering excellent UV stability and abrasion resistance. Epoplex® LS65 is formulated to provide a simple volumetric mixing ratio of two volumes of Component A to one volume of Component B and is free of acrylic monomers.

### USES, APPLICATIONS

Epoplex® LS65 may be applied to both cementitious and asphalt highway surfaces as a long-lasting striping material for both edging and center line markings.

### PRODUCT ADVANTAGES

- 100% solids chemistry
- Suitable for spray application
- Excellent abrasion resistance
- Excellent bond strength assures good adhesion to a variety of substrates
- Protection against moisture penetration
- High ultraviolet light stability
- High reflective qualities

### PACKAGING

**Component A:** Base Resin and Pigmentation

**Component B:** Activator/Curing Agent

Both components available at 55 gallon drums and 250 gallon returnable totes.

### STORAGE CONDITIONS

Store both components of Epoplex® LS65 in a dry area. Avoid excessive heat and do not freeze. The shelf life is two years in the original unopened container.

### COLOR

Epoplex® LS65 is available in highway white, non-lead yellow and black.

### SAFETY

Proper personal protective equipment should be utilized when applying Epoplex products. For specific safety and handling information please consult the Safety Data Sheet. Safety Data Sheets for Epoplex products are available online at [www.epoplex.com](http://www.epoplex.com) or upon request.

### PHYSICAL CHARACTERISTICS

Percent Solids.....	100%
Epoxide Equivalent Weight (White) .....	290 +/- 50
(ASTM D-1652, Method B) (Yellow/Black).....	230 +/- 50
Total Amine Value.....	425 +/- 50
(ERF-25-68)	
Track Free Time @ 77°F/25°C .....	45 min. or less
(ASTM D-711).....	(with glass beads)
Adhesion .....	> 300 psi
(ASTM D-7234 formerly .....	(100% concrete failure)
Hardness.....	Min. 80
(ASTM D-2240, Shore D)	
Abrasion Resistance .....	< 60 mg weight loss
(ASTM D-4060 formerly ASTM C-501)	
Tensile Strength.....	6,000 psi
(ASTM D-638)	
Compressive Strength .....	12,000 psi
(ASTM D-695)	
Theoretical Coverage.....	122 sq.ft. per gallon
.....	@ 15 mils
Mixing Ratio .....	2 Parts A to 1 Part B, by volume
Chromaticity (Color) .....	within coordinates
(ASTM D-6628)	
Yellowness Indexing .....	Max. before QUV 5
(ASTM E-313).....	Max. after 72 hours QUV 17
Titanium Dioxide (White).....	33-38%
(ASTM D-476, Type II).....	(Composition by weight)
Non Lead Organic Yellow .....	5-15%
.....	(Composition by weight)

#### IMPORTANT:

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