



# LS90qs

## PRODUCT DATA

### PRODUCT DESCRIPTION

Epoplex® LS90qs is a two-component, 100% solids polyurea coating designed as a fast-setting highway marking coating that provides durability and abrasion resistance. Epoplex® LS90qs is formulated to provide a simple volumetric mixing ratio of two volumes of Component A (amine) to one volume of Component B (isocyanate).

### USES, APPLICATIONS

Epoplex® LS90qs may be applied to both cementitious and asphalt highway surfaces as a long-lasting striping material for both edging and center line markings, as well as all intersection markings.

### PRODUCT ADVANTAGES

- 100% solids chemistry
- Low viscosity suitable for spray application
- Long-term abrasion and corrosion resistance
- Excellent bond strength assures good adhesion to a variety of substrates
- Special formulation chemistry for fast set at a wide range of temperatures
- 100% ultraviolet light stability
- High reflective qualities

### PACKAGING

**Component A:** Amine and Pigmentation

**Component B:** Isocyanate

Both components are available in 55-gallon drums and 250-gallon returnable totes.

### STORAGE CONDITIONS

Store both components of Epoplex® LS90qs in a dry area with temperature control. Avoid excessive heat and do not freeze. The shelf life is two years in the original unopened container with proper storage.

### COLOR

Epoplex® LS90qs is available in highway white and non-lead yellow.

### 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%
Yellowness Index.....	Max. before QUV 5
(ASTM E-313).....	Max. after 72 hours QUV 5
	Max. after 500 hours QUV 5
	Max. after 1,000 hours QUV 5
Drying Time @ 77°F/25°C.....	5 min.
(ASTM D-711)	(with glass beads)
Adhesion.....	> 300 psi
(ASTM D-7234 formerly	(100% concrete failure)
ASTM D-4541)	
Hardness.....	> 75
(ASTM D-2240, Shore D)	
Abrasion Resistance	< 80 mg weight loss
(ASTM D-4060, formally ASTM C-501)	
Tensile Strength.....	> 3,500 psi
(ASTM D-638)	
Theoretical Coverage.....	122 sq. ft. per gallon
	@ 15 mils

#### IMPORTANT:

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