



**SILTECH CORPORATION**  
225 Wicksteed Avenue  
Toronto, Ontario, Canada, M4H 1G5  
(416)424-4567 (Tel) (416)424-3158 (Fax)

TECHNICAL DATA SHEET

## Silmer<sup>®</sup> EP C50

Epoxide Functional Pre-Polymer

### DESCRIPTION

**Silmer<sup>®</sup> EP C50** is a multi pendant silicone epoxide polymer.

### TYPICAL PROPERTIES

Appearance	Clear liquid
Colour, Gardner	<1
Viscosity at 25°C, cps	400
Active Content %	100
Water Solubility (1 % & 10%)	Insoluble
Specific Gravity (25°C)	0.98
Molecular Weight	11,800

### APPLICATION & USES

**Silmer<sup>®</sup> EP C50** can be co-reacted into various alcohols, organic acids, and amine based polymers for use in coatings, plastics, resins and other applications to incorporate a silicone moiety into the polymer structure. Due to its multi pendant structure, it will act as a cross-linker.

### SHELF LIFE

When stored in the original, unopened containers between 10 and 40°C, **Silmer<sup>®</sup> EP C50** has a shelf life of 24 months from date of manufacture.

### PACKAGING

**Silmer<sup>®</sup> EP C50** is supplied in 20kg pails and 200kg drums.

### LEGAL DISCLAIMER

Siltech Corporation believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Siltech Corporation, however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.

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