



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

TECHNICAL DATA SHEET
Siltech® L-25
Reactive Silicone for Synthetic Leather

Description

Siltech® L-25 is a 100% reactive silicone glycol copolymer. **Siltech® L-25** can be reacted with organic polymers such as polyurethane or used as a top coating to improve the surface properties of synthetic leather.

Typical Properties

Appearance	Clear to Hazy liquid
Hydroxyl Value	40 - 55
Colour, Gardner	1
Viscosity, 25°C	300 – 600 cps
Specific Gravity, 25°C	1.04
Refractive Index	1.433
Flash Point, °C	> 100

Uses and Applications

Siltech® L-25 is a water-dispersible silicone that provides a wide range of benefits to synthetic leather based materials such as polyurethane.

As an additive in top coating, **Siltech® L-25** provides such benefits as lubricity, softness, abrasion resistance, levelling, and anti-blocking.

When used in polymerization, **Siltech® L-25** improves temperature flexibility, hydrophobicity, breathability, and abrasion resistance.

For top coating the recommended usage level is between 0.05 – 1.0 wt% of the formulation. As a pre-polymer the recommended usage level is between 2.0 - 4.0 wt% of the total formulation.

Safety

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information.

Storage and Shelf Life

When stored between 10 and 40°C in the original unopened container, **Siltech® L-25** has a shelf life of 36 months from the date of manufacture.

Packaging

Siltech® L-25 is available in 20 Kg and 200 Kg containers.

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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