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TECHNICAL DATA SHEET

Silmer® OHT E13

Hydroxyalkyl modified silicone

DESCRIPTION

Silmer® OHT E13 is a 100% active hydroxyalkyl modified silicone with primary hydroxyl groups available for reaction and hydrogen bonding.

TYPICAL PROPERTIES

Appearance	Clear liquid
Viscosity, cPs	1,500
Active Content, %	100%
Water solubility, (1% /10%)	Insoluble/Insoluble
Molecular Weight, g/mol	6000
Equivalent Weight, g/mol	600

USES AND APPLICATION

Silmer OHT E13 is designed to have limited miscibility with organic formulations allowing it to bloom to the surface and provide slip, mar and stain resistance, as well as release properties.

Silmer OHT E13 has primary OH groups for reaction with isocyanate, epoxy, silane or other condensation cured polymers and films. This provides durable properties to a cured system.

Silmer OHT E13 has shown stain release performance better than that of other silicone products and similar to or better than our **Fluorosil** fluoroalkyl silicones. Because **Silmer OHT E13** contains no fluoroalkyl it is without the possible downsides of these materials.

Typical use levels for anti-graffiti properties are 1-5%. For slip properties alone, lower use levels can be used. In this case 0.1% is a good screening point.

SAFETY

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

THIS MATERIAL IS NOT FOR MEDICAL OR DRUG USE.

STORAGE AND SHELF LIFE

When stored in the original, unopened containers between 10 and 40^{0}C, **Silmer OHT E13** has a shelf life of 36 months from date of manufacture.

PACKAGING

Silmer OHT E13 is available in 20kg and 200kg 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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