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TECHNICAL DATA SHEET

Silmer[®] OHT A0

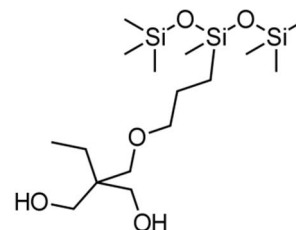
Hydroxyalkyl modified silicone

DESCRIPTION

Silmer[®] OHT A0 is a 100% active hydroxyalkyl modified silicone with primary hydroxyl groups available for reaction and hydrogen bonding.

TYPICAL PROPERTIES

Appearance	Clear yellow liquid
Color, Gardner	1
Viscosity, cPs	100
Active Content, %	100%
Water solubility, (1% /10%)	Insoluble/Insoluble
Hydroxyl Value	280



USES AND APPLICATION

Silmer OHT A0 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.

Other **Silmer OHT** products show stain release performance better than that of other silicone products and similar to fluoroalkyl silicones. Due to the unique mono-functional silicone backbone and the difunctional reactivity of **Silmer OHT A0**, it is likely to be very effective at assembling and providing an effective molecular surface. **Silmer OHT A0** contains no fluoroalkyl, so 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^oC, **Silmer OHT A0** has a shelf life of 36 months from date of manufacture.

PACKAGING

Silmer OHT A0 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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