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TECHNICAL DATA SHEET

Silsurf® Q25315-O

Polyether Functional MQ Resin

DESCRIPTION

Silsurf® Q25315-O polyether MQ resin is an ultra-highly branched Silicone Polyether. **Silsurf Q25315-O** has polyalkyleneoxide chains to provide increased solubility and surface tension reducing properties. **Silsurf Q25315-O** has an INCI name of PEG/PPG-12/12 Dimethylsiloxysilicate.

TYPICAL PROPERTIES

Appearance	Clear liquid
Color, Gardner	1
Viscosity, cPs	550
Active Content %	100
Water solubility (1%/10% in DI water)	Soluble/Soluble

USES AND APPLICATIONS

Silsurf Q25315-O is cyclomethicone-free and as such absent of D4, D5 or D6.

Silsurf Q25315-O is soluble in water and effective at reducing the surface tension of water and oils in which it is dissolved. It is additionally useful for stabilizing emulsions of silicone oils.

Silsurf Q25315-O is an excellent oil-in-water (O/W) emulsifier and pigment dispersant for makeup. The product imparts a light, powdery, silky skin feel. It is especially suitable for liquid foundations and physical UV filter sunscreens. Additional applications include face creams, body lotions and various skin care applications. **Silsurf Q25315-O** is suitable for cold processing.

Typical use levels of **Silsurf Q25315-O** are from 1.0 - 5.0%.

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°C, **Silsurf Q25315-O** has a shelf life of at least 24 months from date of manufacture.

PACKAGING

Silsurf Q25315-O 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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