



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

TECHNICAL DATA SHEET

Silsurf®400R

Silicone Processing Aid

DESCRIPTION

Silsurf®400R is a high molecular weight ethoxylated and propoxylated silicone that is diluted into cyclopentasiloxane. The INCI name for **Silsurf®400R** is Cyclopentasiloxane (and) PEG/PPG-18/18 Dimethicone.

TYPICAL PROPERTIES

Appearance	Slightly turbid Liquid
Color, Gardner	1
Viscosity, cps	60 - 100
Specific Gravity	0.96
Water solubility (1%, 10%)	Insoluble, insoluble
Non-volatile content	10%

USES AND APPLICATION

Silsurf®400R is primarily used for formulating stable water in volatile silicone emulsions, such as liquid foundations and antiperspirant sticks. Provides a non-greasy and non-tacky feel.

Silsurf®400R also improves spreading and provides barrier properties for emollients, sunscreens and pigmented products.

Silsurf®400R is typically used at concentrations ranging from 5.0 - 15.0% by weight.

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, **Silsurf®400R** has a shelf life of 36 months from the date of manufacture.

PACKAGING

Silsurf®400R is available in 20kg and 195kg metal containers.

DISCLAIMER

Siltech believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Siltech, 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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