



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

TECHNICAL DATA SHEET

Silsurf® Di-4515-O

Silicone Polyether Copolymer

DESCRIPTION

Silsurf® Di-4515-O is a water soluble to dispersible silicone polyether copolymer with hydroxyl functionality. **Silsurf Di-4515-O** has an INCI name of PEG/PPG-15/15 Dimethicone.

TYPICAL PROPERTIES

Appearance	Clear liquid
Viscosity, cPs	3,000
Active Content, %	100
Water solubility (1% in DI water)	Soluble to dispersible

USES AND APPLICATION

Silsurf Di-4515-O is a water soluble silicone with terminal polyether groups. The product can be used in various applications where lubricity and softness are desired. Typical applications include personal care, household care and textiles.

Silsurf Di-4515-O is effective in personal care as a foaming agent for hydroalcoholic hand sanitizers. In addition to foaming these solutions, **Silsurf Di-4515-O** also provides emollience and a luxurious after-feel on the skin. The usage level for this application ranges from 1.0-3.0% by weight.

Silsurf Di-4515-O is effective at imparting softness, abrasion resistance, leveling and anti-blocking in household care and textiles. Typical usage levels for household care and textile applications are from 0.5-5.0% by weight.

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 Di-4515-O** has a shelf life of 36 months from date of manufacture.

PACKAGING

Silsurf Di-4515-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.

SILSURF® is a registered trademark of Siltech Corporation, Toronto, Ontario, Canada.