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TECHNICAL DATA SHEET

Silsurf[®]Di-1010

Polyether Silicone Copolymer

DESCRIPTION

Silsurf[®]Di-1010 is a 100% active silicone with polyether terminal groups. **Silsurf[®]Di-1010** is self emulsifying in water and dispersible in many solvents. **Silsurf[®]Di-1010** has an INCI name of PEG-10 Dimethicone.

TYPICAL PROPERTIES

Appearance	Hazy Liquid
Colour, (Gardner)	1
Specific Gravity, 25°C	1.04
Viscosity, cps	150 - 400
Water solubility	Dispersible
Pour Point	12°C
Flash Point	> 100°C
Refractive Index	1.441
Hydroxyl Value	65 - 75

USES AND APPLICATION

Silsurf[®]Di-1010 is end-blocked with an active hydroxyl group that can be added to various organic systems to improve surface properties such as mar resistance, anti-blocking and softness. It is used to provide lubricity for fibres and metals. **Silsurf[®]Di-1010** can also be reacted with organic polymers such as polyurethane.

Typical concentrations range from 0.05 - 3.0%.

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 15 and 40°C, **Silsurf[®]Di-1010** has a shelf life of 36 months from date of manufacture.

PACKAGING

Silsurf[®]Di-1010 is available in 20kg and 200kg plastic 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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