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TECHNICAL DATA SHEET

**Silsurf® D208**

Polydimethylsiloxane Copolymer

**DESCRIPTION**

**Silsurf® D208** is a 100% active silicone glycol copolymer. It is ideal as an emulsifier and conditioning agent for numerous personal care applications. **Silsurf D208** has an INCI name of PEG-8 Dimethicone.

**TYPICAL PROPERTIES**

Appearance	Clear liquid
Colour, Gardner	1
Specific Gravity	1.02
Water solubility	Soluble
Viscosity, cps	300
Hydroxyl Value	90
Cloud Point	60°C

**USES AND APPLICATION**

**Silsurf D208** is a water-soluble silicone surfactant suitable from preparation of stable oil-in-water and silicone-in-water emulsions.

**Silsurf D208** provides mild conditioning for hair care, imparting softness and improved combability as well as a modest gloss improvement.

**Silsurf D208** provides emulsification for skin and sun care products as well as an improved sensorial by displaying both lubricity and emolliency at relatively low loading levels.

Recommended use levels range from 0.2 - 5.0 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 D208** has a shelf life of 36 months from date of manufacture.

**PACKAGING**

**Silsurf D208** 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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