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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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March 2013