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TECHNICAL DATA SHEET

## Siltech<sup>®</sup> C-400

### **DESCRIPTION**

**Siltech<sup>®</sup> C-400** is a 100% active polyether siloxane copolymer that is primarily used to provide strong substrate wetting, improved flow and leveling.

### **TYPICAL PROPERTIES**

Appearance	Clear Liquid
Specific gravity at 25°C	1.05
Colour, Gardner	1
Viscosity at 25°C, cps	90
Solid content	100%
Refractive Index at 25°C	1.42
Solubility at 1 & 10% w/w in water	Soluble

### **APPLICATION & USES**

**Siltech<sup>®</sup> C-400** is used in solvent-based, water-based and solventless coatings and ink formulations. It provides strong substrate wetting, flow and leveling.

The amount of **Siltech<sup>®</sup> C-400** used ranges from 0.05-1.0% weight percent based on the total formulation.

### **SHELF LIFE**

When stored in the original, unopened containers between 10 and 40°C, **Siltech<sup>®</sup> C-400** has a shelf life of 36 months from date of manufacture.

Like all similar products, **Siltech C-400** can become hazy or show some hazy precipitate and may even solidify after exposure to 15°C or below. This does not affect performance and can ordinarily be reversed by storing at 25°C for 24 hours.

Samples should be taken before use to ensure that the product is clear and uniform.

### **PACKAGING**

**Siltech<sup>®</sup> C-400** is supplied in 20kg pails and 200kg drums.

### **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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November 2013