



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

TECHNICAL DATA SHEET

**Siltech® C-172**

### **Description**

**Siltech®C-172** is a 100% active carbinol functional silicone glycol copolymer that is primarily used to improve leveling and mar resistance in solvent based systems.

### **Typical Properties**

Colour, Gardner, maximum	3
Viscosity at 25°C, cs	500-1500
Specific Gravity at 25°C	0.96
Functionality	Carbinol
Refractive Index	1.451
Diluents	Xylene, Isobutanol, Butylglycol

### **Application & Uses**

**Siltech®C-172** is designed for use in both solvent based and solvent free systems. It increases surface slip, improves leveling, gloss, substrate wetting & gives anti blocking benefits. It also prevents formation of Bernard cells and reduces the surface tension. It provides benefits that are not obtainable with conventional silicone oil additives.

The recommended concentration used is 0.05%-0.15% weight percent based on total solids.

### **Shelf Life**

When stored in the original, unopened containers between 10 and 40°C, **Siltech® C-172** has a shelf life of 36 months from date of manufacture.

### **Packaging**

**Siltech®C-172** is supplied in 20kg pails and 200kg drums. Container must be closed properly after use.

### **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.

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

October 2008