



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

TECHNICAL DATA SHEET

Siltech® C-42

Silicone Polyether Copolymer

DESCRIPTION

Siltech® C-42 is a 100% active silicone polyether copolymer that is specifically designed to improve slip, levelling, mar resistance and gloss in water-borne, solvent-borne and UV coatings systems.

TYPICAL PROPERTIES

Appearance	Clear liquid
Colour, Gardner	1
Viscosity, Cps	300
Active Content %	100
Water Solubility (1 % & 5%)	Dispersible
Specific Gravity (25°C)	1.05

APPLICATION & USES

Siltech® C-42 is used in water-borne coating and UV curing systems to improve slip, levelling and gloss. It also improves mar resistance and aids in dispersing pigments. **Siltech® C-42** is also compatible in solvent-borne coating system, and with most of the resins used in the coatings industry including acrylic, alkyd, polyurethane, polyester and epoxy resins.

Siltech® C-42 is 100% active and is soluble in aliphatic and aromatic solvents.

Typical usage levels are between 0.05% - 2.00% wt based on total formulation.

SHELF LIFE

When stored in the original, unopened containers between 10 and 40°C, **Siltech® C-42** has a shelf life of 36 months from date of manufacture.

Like all similar products, **Siltech C-42** 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® C-42 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.

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