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TECHNICAL DATA SHEET

Siltech® C-20

Description

Siltech®C-20 is a carbinol functional silicone glycol copolymer surfactant. It is a solvent free, 100% active product. It imparts mar resistance and better slip to coatings.

Typical Properties

Colour, Gardner, maximum	2
Active Content %	100
Viscosity at 25°C, cs	150-400
Specific Gravity at 25°C	1.07
Functionality	Carbinol
Cloud point	50-60 °C
Diluents	Toluene, Water, Alcohols

Application & Uses

Siltech®C-20 additive can be used in solvent, water-based or solvent-less systems. It effectively reduces surface tension and provides mar resistance or slip finishes. It also provides other benefits such as leveling, wetting, flow-out and aids pigment dispersion.

Siltech®C-20 is effective at low concentrations. The recommended concentration used is between 0.01-0.1% weight percent based on total solids. It should be added during the final thinning step. Preliminary tests in laboratory or a small-scale production unit is necessary to obtain optimum results.

Shelf Life

When stored in the original, unopened containers between 10 and 40°C, **Siltech®C-20** has a shelf life of 36 months from date of manufacture.

Packaging

Siltech®C-20 is supplied in 20kg pails and 200kg drum pack sizes.

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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