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TECHNICAL DATA SHEET

Siltech[®] C-174

DESCRIPTION

Siltech[®] C-174 is a solution of a carbinol functional polyether siloxane copolymer that is primarily used to increase surface slip, leveling and gloss.

TYPICAL PROPERTIES

Appearance	Clear Liquid
Specific gravity at 25°C	0.94
Colour, Gardner	1 max
Viscosity at 25°C, cps	20 cps
Solid content	52%
Refractive Index at 25°C	1.42-1.44
Solvents	Xylene and Isobutanol

APPLICATION & USES

Siltech[®] C-174 is primarily used in solvent-based systems although it is also suitable for solvent free systems. **Siltech[®] C-174** increases slip and gloss in addition to providing substrate wetting and leveling. It also prevents the formation of Bernard cells.

The amount of **Siltech[®] C-174** used ranges from 0.05-0.5% weight percent based on the total formulation.

SHELF LIFE

When stored in the original, unopened containers between 10 and 40°C, **Siltech[®] C-174** has a shelf life of 36 months from date of manufacture.

PACKAGING

Siltech[®] C-174 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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