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TECHNICAL DATA SHEET

Siltech® T-81
Silicone Polyether

DESCRIPTION

Siltech® T-81 is a high molecular weight propylene oxide based silicone. It is specifically designed as a lubricant, texturizing oil and additive for fibre spin finish.

TYPICAL PROPERTIES

Appearance	Clear, light straw liquid
Colour, Gardner	2 Max
Viscosity, Cps	300
Active Content %	100
Water Solubility (1 % & 10%)	Insoluble
IPA Solubility (1% & 10%)	Soluble
Mineral Spirits (1% & 10%)	Soluble
Mineral Oil (1% & 10%)	Dispersible, Insoluble
Xylene Solubility (1% & 10%)	Soluble
Cyclomethicone (1% & 10%)	Soluble
Silicone Fluid (350cps) (1% & 10%)	Dispersible

APPLICATION & USES

Siltech® T-81 is used as a textile additive in fibre spin-finish as a texturizing oil, knitting oil and warp sizing. It is also suitable for various chemical formulations that required wetting, surface tension reduction and heat stability.

Recommended concentration used is 0.5 - 2.0 wt%

SHELF LIFE

When stored in the original, unopened containers between 10 and 40°C, **Siltech® T-81** has a shelf life of 36 months from date of manufacture.

PACKAGING

Siltech® T-81 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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October 2009