



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

TECHNICAL DATA SHEET

Silquat® Di-25

Quaternary Silicone

DESCRIPTION

Silquat® Di-25 is a 70% active di-functional water-soluble silicone quaternary compound that provides beading to hard surfaces, such as metals and glass. In personal care **Silquat Di-25** acts as a pro-foamer for hydro-alcoholic hand sanitizers. **Silquat Di-25** has an INCI name of Dimethicone PG-Diethylmonium Chloride (and) Hexylene Glycol.

TYPICAL PROPERTIES

Appearance	Clear yellow liquid
Colour, Gardner	3
Viscosity, cps	500
Solid content %	70
Solvent	Hexylene Glycol
Water solubility, 10%	Soluble
Specific gravity at 25°C	0.97
Flash point, PM-Closed cup	>100°C

APPLICATION & USES

Silquat Di-25 is a silicone beading agent and gloss additive for water based hard surface treatments. **Silquat Di-25** also provides softening and a hydrophilic finish to fabrics including cotton, polyester and various blends.

Silquat Di-25 acts as a pro-foamer for hydro-alcoholic hand sanitizers. The product provides not only foaming, but additional benefits including improved foam thickness and improved skin feel vs. other foaming additives.

Typical use levels for **Silquat Di-25** are between 1- 5% by wt.

SHELF LIFE

When stored between 10 and 40°C in the original unopened container, **Silquat Di-25** has a shelf life of 36 months from the date of manufacture.

PACKAGING

Silquat Di-25 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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