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TECHNICAL DATA SHEET

Silquat® 3180

Silicone Quaternary Compound

DESCRIPTION

Silquat® 3180 is a water dispersible silicone quaternary compound that provides softness, non-yellowing, lubricity and anti-static to textile finishing applications. It also provides beading to car care products.

TYPICAL PROPERTIES

Appearance	Clear to hazy liquid
Colour, (Gardner)	4
Solid content %	70
Solvent	Hexylene Glycol
Water solubility, 10%	Dispersible
Viscosity at 25°C	2500 cps

APPLICATION & USES

Silquat® 3180 is used as softener and lubricant in textile applications. It is substantive to fibers, non-yellowing and also provides anti-static properties.

The unique properties of **Silquat® 3180** enables textile finishers to overcome the traditional problems silicone softeners of yellowing, oil spotting, build-up on both finishing rollers and equipment.

Silquat® 3180 can be used in padding and exhaust applications.

The recommended concentration is 0.5-3.0% for exhaust applications, and 10-25 g/l for padding applications.

Laboratory tests are recommended prior to production scale-up.

SHELF LIFE

When stored between 10 and 40°C in the original unopened container, **Silquat® 3180** has a shelf life of 36 months from the date of manufacture.

PACKAGING

Silquat® 3180 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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