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TECHNICAL DATA SHEET

Silwax® G118
Stearyl Dimethicone

DESCRIPTION

Silwax® G118 is a solid alkylated silicone. The alkyl pendant groups make it more compatible with many organic systems. It provides gloss and softness to personal care products and can be used as a lubricant and softener in many industrial applications, such as textile and tissue paper. **Silwax G118** has the INCI name of Stearyl Dimethicone.

TYPICAL PROPERTIES

Appearance	White wax
Melting Point	30°C
Active Content %	100
Specific Gravity @ 25°C	0.85
Colour, Gardner	1
Refractive Index	1.447
Solubility (1% and 10%):	
-Water	-Insoluble
-IPA	-Insoluble
-Mineral Oil	-Soluble
-Aromatic solvents	-Soluble
-Cyclopentasiloxane (D5)	-Insoluble
-350 visc. Silicone Fluid	-Insoluble

USES AND APPLICATIONS

Silwax G118 is a solid silicone wax that provides conditioning and numerous other benefits in a variety of personal care applications. In skin care, including AP/Deo applications, **Silwax G118** offers a non-greasy, silky feel and provides exceptional emolliency. The alkyl functionality maximizes compatibility with organic ingredients and results in excellent pigment dispersion in makeup formulations. **Silwax G118** also provides softness and gloss for hair care formulations.

Silwax G118 offers numerous benefits in industrial applications as well, including lubrication and softening. It is most often utilized in textile and tissue applications, but is suitable for most any application where lubricity or organic compatibility is required.

Recommended usage level is between 1.0 – 3.0 wt% of the formulation.

SAFETY

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information

STORAGE AND SHELF LIFE

When stored in the original, unopened containers between 10 and 40°C, **Silwax G118** has a shelf life of 36 months from date of manufacture.

PACKAGING

Silwax G118 is available in 18 Kg and 180 Kg containers.

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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