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TECHNICAL DATA SHEET

Silwax[®] G118

Stearyl Dimethicone

DESCRIPTION

SILWAX[®] G118 is one of a family of solid alkylated silicone, it is a hard wax having a melting point of approximately 31°C. The alkyl pendant groups make it more compatible with many organic systems. It provides moisturising, and softness to skin care products and is used as a lubricant and softener as an agent to minimize syneresis in pigmented products. It has a soft lubricous feel on the skin. The INCI name is Stearyl Dimethicone.

TYPICAL PROPERTIES

Appearance	White Wax
Active Content %	100
Colour, Gardner	3 Max
Solubility (1% and 10%): -Water -IPA -Mineral Oil -Cyclopentasiloxane (D5) -350 visc. Silicone Fluid	-Insoluble -Insoluble -Soluble -Insoluble -Insoluble

USES AND APPLICATIONS

SILWAX[®] G118 provides excellent moisturising, lubricity, and emolliency properties in personal care formulation. The melt point suggests the use of the material in on the skin and in lipsticks to minimize syneresis. Key product applications include: moisturizers, lotions, sun care, antiperspirant and deodorant and pigmented products.

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 24 months from date of shipping.

PACKAGING

SILWAX[®] G118 is available in 20 Kg and 200 Kg containers.

DISCLAIMER

Siltech believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Siltech, 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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