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TECHNICAL DATA SHEET

Fluorosil® L118

Perfluorononylethyl Stearyl Dimethicone

DESCRIPTION

Fluorosil®L118 is a soft paste fluorinated and alkylated silicone. The fluoro pendant gives excellent softness and slip while 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.

Fluorosil®L118 has an INCI name of Perfluorononylethyl Stearyl Dimethicone.

TYPICAL PROPERTIES

Appearance	Soft Solid
Melting point	27°C
Active Content %	100
Colour, Gardner	4 Max
Solubility (1% and 10%): -Water -IPA -Mineral Oil -Cyclopentasiloxane (D5) -350 visc. Silicone Fluid	-Insoluble -Insoluble -Soluble -Dispersible to Insoluble -Dispersible to Insoluble

USES AND APPLICATIONS

Fluorosil®L118 provides excellent lubricity, gloss and emolliency properties in personal care formulations.

Key benefits for skin care and AP products include:

- Gloss
- Emollience
- Softness
- Barrier properties
- Lubricant

Key product applications include:

- Augment moisturizers
- Lotions
- Cosmetics
- Antiperspirant and deodorant

Recommended usage level is between 0.2 – 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, **Fluorosil®L118** has a shelf life of 36 months from date of manufacture.

PACKAGING

Fluorosil®L118 is available in 20 Kg and 200 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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