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TECHNICAL DATA SHEET

Fluorosil® 2110

Perfluorononylethyl PEG-8 Dimethicone

DESCRIPTION

Fluorosil®2110 is a liquid fluorinated silicone polyether. The fluoro pendant gives excellent softness and slip while the polyether groups make it more compatible with water based systems. It provides gloss and softness to personal care products. It also provides solvent resistance, softness, lubricant and slip to various industrial applications.

TYPICAL PROPERTIES

Appearance	Clear Liquid
Viscosity, cps	300
Active Content %	100
Colour, Gardner	1
Solubility (1% and 10%): -Water -IPA -Mineral Oil -Cyclopentasiloxane (D5) -350 visc. Silicone Fluid	-Soluble, dispersible -Soluble -Insoluble -Insoluble -Insoluble

USES AND APPLICATIONS

Fluorosil 2110 provides excellent lubricity, gloss and emmoliency properties in personal care formulations.

Key benefits for skin care and AP products include:

- Gloss, Emmolience, Softness, Barrier properties, Lubricant

Key product applications include:

- Augment moisturizers, Lotions, Cosmetics, Antiperspirant and Deodorants.

For industrial applications, the unique properties of **Fluorosil 2110** provide such benefits as solvent resistance, lubricity, softness and slip.

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 2110** has a shelf life of 36 months from date of manufacture.

PACKAGING

Fluorosil 2110 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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