



SILTECH CORPORATION
225 Wicksteed Avenue
Toronto, Ontario, Canada, M4H 1G5
(416)424-4567 (Tel) (416)424-3158 (Fax)

TECHNICAL DATA SHEET

Fluorosil®D2

Perfluorononyl Dimethicone

DESCRIPTION

Fluorosil®D2 is a liquid fluorinated silicone. The fluoro pendant gives excellent softness and slip. 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. The INCI name is Perfluorononyl Dimethicone.

TYPICAL PROPERTIES

Appearance	Clear Liquid
Viscosity	50
Active Content %	100
Colour, Gardner	1
Solubility (1% and 10%): -Water -IPA -Mineral Oil -Cyclopentasiloxane (D5) -350 visc. Silicone Fluid	-Insoluble -Soluble -Insoluble -Soluble -Soluble to Dispersible

USES AND APPLICATIONS

Fluorosil®D2 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®D2** 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®D2** has a shelf life of 36 months from date of manufacture.

PACKAGING

Fluorosil®D2 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.

Fluorosil® is a registered trademark of Siltech Corporation, Toronto, Ontario, Canada.

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