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TECHNICAL DATA SHEET

Silmer® G-162F

Silicone Elastomer Gel

DESCRIPTION

Silmer®G-162F is a high viscosity silicone gel and fluorinated silicone in cyclopentasiloxane. **Silmer G-162F** has the INCI name Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer (and) Perfluorononyl Dimethicone.

TYPICAL PROPERTIES

Colour, Gardner	<1
Appearance	Clear gel
Viscosity at 25°C, cps	700,000
Active Content, %	15%
Water Solubility	Insoluble

USES AND APPLICATION

Silmer G-162F is a unique silicone elastomer gel that provides an exceptionally soft lubricious feel on the skin compared to other silicone elastomer gel offerings. The unique feel results from the fluoropolymer content which translates to a lower surface tension; even lower than standard silicones which already exhibit a low surface tension. **Silmer G-162F** has a relatively short playtime on the skin and is ideal for use across a wide variety of makeup and skin care products.

Foundation and Concealer: Silmer G-162F provides excellent uniform powder dispersion, and an initial dry, powdery sensation on the skin followed by a soft lubricious after-feel in both foundations and concealers. Recommended use levels range from 3-5%.

Eye Shadow: Silmer G-162F provides a uniform pigment dispersion adds a slight amount of cushion during eye shadow application. Recommended use levels range from 10-20%.

Face Creams, Gels. Body Lotions and Sunscreen: Silmer G-162F provides excellent emolliency and dramatically improves spreadability in skin and sun care products. After offering an initial dry, powdery feel, the after-feel during application results in a lubricious sensorial after-feel. Recommended use levels range from 3-5%.

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, **Silmer G-162F** has a shelf life of 36 months from date of manufacture.

PACKAGING

Silmer G-162F is available in 16kg and 180kg 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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