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TECHNICAL DATA SHEET

Silmer® G-162-F5

Silicone Elastomer Gel

DESCRIPTION

Silmer®G-162-F5 is a high viscosity silicone gel in dimethicone. **Silmer G-162-F5** has the INCI name Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer.

TYPICAL PROPERTIES

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

USES AND APPLICATION

Silmer G-162-F5 is useful in various personal care products to provide a dry, soft, powdery skin feel. It has been used in the following formulations:

Lipsticks: **Silmer G-162-F5** provides a smooth, powdery, silky feel and increases pearlescent effects for lipsticks. One is able to formulate high concentrations of pigments/ pearlizing materials with **Silmer G-162-F5**. Use levels up to 3% are advised as higher use levels have been observed to form pinholes in the lipstick.

Lip Gloss: **Silmer G-162-F5** provides a uniform color and powder dispersion, dry powdery smooth silky feel on lips, and enhances pearlizing effects. Use level 5-10%.

Foundation and Concealer: **Silmer G-162-F5** provides a uniform color and powder dispersion, dry powdery smooth silky feel and also improves the water proofing. Use level is 3-5%.

Eye Shadow: **Silmer G-162-F5** provides a uniform color and powder dispersion, dry powdery smooth silky feel on skin, and waterproofing. Use level is 10-20%.

Face Creams and Gels and Body Lotions: **Silmer G-162-F5** provides a smooth, powdery silky feel on skin. Use level is 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-162-F5** has a shelf life of 36 months from date of manufacture.

PACKAGING

Silmer G-162-F5 is available in 20kg and 170kg 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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