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TECHNICAL DATA SHEET

**Silmer® G-162-F5-M**

Silicone Elastomer Gel

**DESCRIPTION**

**Silmer® G-162-F5-M** is a high viscosity silicone gel in dimethicone. **Silmer® G-162-F5-M** has the INCI name Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer. **Silmer® G-162-F5-M** can be used to support a blurring/soft focus effect in formulations.

**TYPICAL PROPERTIES**

Appearance	Clear to slightly hazy liquid
Colour, Gardner	< 1
Viscosity at 25°C, cps	400,000
Active Content, %	15
Water Solubility	Insoluble

**USES & APPLICATIONS**

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

**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 between 10 and 40°C, **Silmer® G-162-F5-M** has a shelf life of 36 months from the date of manufacture.

**PACKAGING**

**Silmer® G-162-F5-M** is supplied in 20 kg pails and 170 kg drums.

**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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