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TECHNICAL DATA SHEET

**Silmer® G-162Q**  
Silicone Resin Elastomer Gel

**DESCRIPTION**

**Silmer® G162-Q** is a high viscosity silicone gel in cyclopentasiloxane. **Silmer G-162Q** has the INCI name of Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer (and) Trimethylsiloxysilicate.

**TYPICAL PROPERTIES**

Appearance	Clear Gel
Color, Gardner Max	1
Active content, %	15
Viscosity at 25°C, cps	650,000
Water solubility (1% in DI water)	Insoluble

**USES AND APPLICATIONS**

**Silmer G-162Q** is formulated into many types of personal care products to provide a dry, soft and waxy skin feel as well as moisturization benefits. The product contains trimethylsiloxysilicate which provides the added benefit of extended wear properties.

**Foundation and Concealer**

The benefits of **Silmer G-162Q** include a uniform color and powder dispersion, waxy smooth silky feel and also improved water resistance. Usage level is 3-5%.

**Eye shadow**

**Silmer G-162Q** provides a uniform color and powder dispersion, smooth silky feel on skin, and water resistance. Usage level is 10-20%.

**Face Creams and Gels and Body Lotions**

**Silmer G-162Q** provides a cushiony smooth, waxy feel on skin. Usage ranges from 3-5%.

**SAFETY**

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information.

THIS MATERIAL IS NOT FOR MEDICAL OR DRUG USE.

**STORAGE AND SHELF LIFE**

When stored in the original, unopened containers between 10 and 40°C, **Silmer G-162Q** has a shelf life of 36 months from date of manufacture.

**PACKAGING**

**Silmer G-162Q** is available in 20kg and 200kg 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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