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TECHNICAL DATA SHEET

Silmer®G-165-F5

Silicone Elastomer Gel

DESCRIPTION

Silmer®G-165-F5 is a high viscosity silicone gel in dimethicone. **Silmer®G-165-F5** has the INCI name Dimethicone (and) Dimethicone Crosspolymer.

TYPICAL PROPERTIES

Appearance	Clear to translucent smooth gel
Colour, Gardner	<1
Viscosity at 25°C, cps	200,000 – 550,000
Active content, %	10 – 20

USES & APPLICATIONS

Silmer®G-165-F5 is used in formulating many types of personal care products to provide a dry, soft, powdery skin feel. It is used in the following formulations:

Lipsticks

Silmer®G-165-F5 provides a smooth, powdery, silky feel and increases pearlescent effects for lipsticks. To avoid pinholes in the lipstick, the usage level of **Silmer®G-165-F5** should be less than 3% and the formulator should use a high concentration of pigments/pearlizing materials.

Foundation and Concealer

The benefits of **Silmer®G-165-F5** include a uniform colour and powder dispersion, dry powdery smooth silky feel and also improves the water proofing. Usage level is 3-5%.

Eye shadow

Silmer®G-165-F5 provides a uniform colour and powder dispersion, dry powdery smooth silky feel on skin, and waterproofing. Usage level is 10-20%.

Face Creams and Gels and Body Lotions

Silmer®G-165-F5 provides a smooth, powdery silky 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.

STORAGE AND SHELF LIFE

When stored in the original, unopened containers between 10 and 40°C, **Silmer®G-165-F5** has a shelf life of 36 months from date of manufacture.

PACKAGING

Silmer®G-165-F5 is supplied in 20kg pails and 170kg 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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