DESCRIPTION
Silmer®G-162A is a high viscosity silicone gel in cyclopentasiloxane. Silmer®G-162A has the INCI name of Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer (and) Behenyl Dimethicone/Bis-Vinylidimethicone Crosspolymer.

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour, Gardner</td>
<td>Clear Liquid</td>
</tr>
<tr>
<td>Viscosity (25°C)</td>
<td>300,000 - 500,000 cps</td>
</tr>
<tr>
<td>Active Content %</td>
<td>10-20%</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Insoluble</td>
</tr>
</tbody>
</table>

USES AND APPLICATION
Silmer®G-162A is used in formulating many types of personal care products to provide a dry, soft and waxy skin feel. It is used in the following formulations:

Foundation and Concealer
The benefits of Silmer®G-162A include: a uniform color and powder dispersion, waxy smooth silky feel and also improves the water proofing. Usage level is 3-5%.

Eye shadow
Silmer®G-162A provides a uniform color and powder dispersion, smooth silky feel on skin, and waterproofing. Usage level is 10-20%.

Face Creams and Gels and Body Lotions
Silmer®G-162A provides a 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.

STORAGE AND SHELF LIFE
When stored in the original, unopened containers between 10 and 40°C, Silmer®G-162A has a shelf life of 36 months from date of manufacture.

PACKAGING
Silmer®G-162A is available in 20kg 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.

SILMER® is a registered trademark of Siltech Corporation, Toronto, Ontario, Canada.

© April 2016