DESCRIPTION
Silmer® G-11-IDD is a high viscosity silicone gel in isododecane. Silmer G-11-IDD has the INCI name of Isododecane (and) Polysilicone 11.

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour, Gardner</td>
<td>1</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear Liquid</td>
</tr>
<tr>
<td>Viscosity (25°C)</td>
<td>500,000</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-11-IDD 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-11-IDD provides a smooth, powdery, silky feel and increases pearlescent effects for lipsticks. To avoid pinholes in the lipstick, the usage level of Silmer G-11-IDD should be less than 3% and the formulator should use a high concentration of pigments/pearlizing materials.

Lip Gloss
The benefits of Silmer G-11-IDD includes a uniform color and powder dispersion, dry powdery smooth silky feel on lips, and enhanced pearlizing. Usage ranges from 5-10%.

Foundation and Concealer
The Silmer G-11-IDD provides a uniform color and dispersion, dry powdery smooth silky feel and also improves the water proofing. Usage level is 3-5%.

Eye shadow
Silmer G-11-IDD provides a uniform color 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-11-IDD 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-11-IDD has a shelf life of 36 months from date of manufacture.

PACKAGING
Silmer® G-11-IDD is available in 20kg and 200kg containers.

LEGAL DISCLAIMER
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