Product Information

Personal Care

Silicone Elastomer Gel

Product Components:
Coconut oil, isoparaffin and dimethicone cross-linking polymer

Product Features:
- Safe, non-irritative
- Silky soft smoothness, with excellent moisturizing feel and smooth feel
- Excellent spread ability and smearing feel, quick to absorb
- Film forming, with long-lasting nourishing and moisturizing properties
- Long-lasting effect
- Absorb sebum, oil controlling
- Without cyclic silicone oil which is permeable to the skin.
- Compatible with most active ingredients (such as fragrance, sun screen, vitamins and derivative of vitamins)
- Compatible with most hydrocarbon oil, can be formulated to transparent hydrocarbon oil formula
- Popular in European market

Typical Physical Properties:
The numerical data based on Silok internal testing purposes only.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear to micro translucent paste</td>
</tr>
<tr>
<td>Silica gel content %</td>
<td>20.00</td>
</tr>
<tr>
<td>Refraction index nD 25</td>
<td>1.4250±0.0050</td>
</tr>
<tr>
<td>Density g/cm³ 25℃</td>
<td>0.800±0.020</td>
</tr>
<tr>
<td>Viscosity mm²/s/25°C</td>
<td>80,000-150,000</td>
</tr>
<tr>
<td>Carrier</td>
<td>Coconut oil and isoparaffin</td>
</tr>
</tbody>
</table>

SiCare-9908

Silicone Elastomer Gel

INCI: Dimethicone Crosspolymer (and) Cocos Nucifera (Coconut) Oil (and) Isododecane (and) Isohexadecane

Product Description:
It is a compound with large molecular weight silicone cross-linked polymer dispersed in coconut oil and isoparaffin. It doesn’t contain cyclic silicone oil. With refreshing powdery feel and elasticity, it is more moisturizing and skin-friendly, safe without irritation. It feels extremely soft smooth, makes the skin feel moist. With high compatibility with organic oil, it is easy to absorb, can reduce the tackiness and improve softness and refreshing smoothness. With thickening property, it can improve the appearance of the products. When added in products, it can cover tiny wrinkles and bring a visual effect of shallow wrinkle. When added in primer and foundation, it can greatly improve the spread ability of cosmetics, make it easier to make up. In this way, the makeup looks more natural and more suitable for skin, with oil-controlling, sebum-controlling and refreshing properties. When added in cream products with colored oil, it can increase the whiteness and delicate degree, improve the texture of products. Easy to use, can be cold formulated. It can last long on the surface of skin and improve the moisturizing property.

Advantages:
- It feels silky smooth and soft with this product in the formula.
- Neither oily nor sticky.
- Sebum controlling.
- Long lasting skin feel.
- Lower the tackiness in the formula.
- Cover tiny wrinkles.

Limited Liability
This information is based on the test of Silok and was considered to be correct; It cannot supersede the assessments and testing that users need to do before using this product; Silok can only guarantee the sell products to meet the constituted sales standard; and the only responsibility of Silok for breach of warranty is as follows: replacement of an equivalent product or refund the purchase price; Silok expressly declares not responsible for the loss of accidental or incidental.

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Increase the whiteness of cream products.
- Quick to absorb.
- Easy to add and can be cold-formulated.
- It has thickening property, as thickening agent used for W/O and water-free formula. With quite good viscosity improvement in O/W system.

**SiCare-9908 Compatibility with common cosmetic ingredients:**

<table>
<thead>
<tr>
<th>Component</th>
<th>9908</th>
<th>10%</th>
<th>50%</th>
<th>90%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td></td>
</tr>
<tr>
<td>Ethyl Alcohol</td>
<td>I</td>
<td>I</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>I</td>
<td>I</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Glycerin</td>
<td>I</td>
<td>I</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Stearyl Alcohol</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td></td>
</tr>
</tbody>
</table>

**Esters**
- Isopropyl Myristate | C | C | C |
- Octyl Palmitate    | C | C | C |

**Hydrocarbon**
- Mineral Oil        | I | I | C |
- Isododecane        | C | C | C |
- Squalane           | C | C | C |

**Silicone**
- Dimethicone -10cst | C | C | C |
- Alkyl Silicone Oil | C | C | C |
- Phenyl Silicone Oil| C | C | C |

**Note:**
I= Incompatible, C = Compatible

**Usage:**
SiCare-9908 should be added together with oil phase or silicone phase if it is needed in the formulation. Be sure that SiCare-9908 is totally homo dispersed in the oil phase before the processing.

**Product Applications:**
It can be formulated into W/O and O/W emulsion and cream products, can also be used in water-free formulation. Usually applied in the following series:
- Skin care products
- Makeup, sunscreen products
- Antiperspirant and deodorant

**Storage and Validity:**
Unopen with original sealed packing stored under 38°C; the shelf-life of the product from the date of production for 24 months.

**Sample Package:**
100ml Transparent Plastic Bottle
20kg/180kg Plastic Drum

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