

Product Information

Personal Care

Silicone Elastomer Gel

Product Components:

Compound of Cyclopentasiloxane(and) Dimethicone Crosspolymer

Product Features:

- Compatible with most active ingredients (such as fragrances, vitamins and ramifications of vitamin)
- Dry and silky smooth, soft with powdery feel
- Feel of film formation
- Can be used as a thickener for W/O, O/W and water - free formulas

Product Advantages:

- It feels silky smooth and exquisite with this product in the formulation
- Absorb the sebum, oil controlling
- Non-greasy and non-sticky
- Long-lasting skin feel
- Reduce the tackiness feel of the formulation
- Cover tiny wrinkles
- Quick absorption, matt
- Easy to add, can be cold formulated

Product Applications:

It can be formulated into W/O and O/W emulsion and cream products, can also be used in water-free formulas.

It usually applies in following series:

- Skin care products
- Makeup, sunscreen products
- Antiperspirant and deodorant

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.

SiCare-9900

Silicone Elastomer Gel

INCI: Cyclopentasiloxane (and) Dimethicone Crosspolymer

Product Description:

It is made by dispersing super large molecular weight silicone cross-linking copolymer in volatile silicone oil. It feels soft and moist, silky smooth, dry and fresh with powder feel, can cover tiny wrinkles and make wrinkle instant visually disappear with its elasticity. When added in primers and foundations, it can greatly improve the spread-ability of products and make it look more skin-fitting and natural. With sebum-controlling and matt property, it can lower the stickiness of the formula, improve softness and smoothness. In this way, the product can last long on the skin to improve moisture.

Typical Physical Properties:

The numerical data based on Silok internal testing purposes only.

Parameter	Value
Appearance	Colorless transparent to translucent gel
Silica gel content %	13.5
Refraction index n_d^{25}	1.3960±0.0050
Specific gravity 25°C	0.96
Viscosity mm ² /s/25°C	300,000-400,000
Carrier	Cyclopentasiloxane

SiCare-9900 Compatibility with common cosmetic ingredients:

Component	SiCare-9900 Proportion	10 %	50 %	90 %
Water		I	I	I
Ethyl Alcohol		I	I	C
Propylene Glycol		I	I	C
Isopropyl Alcohol		I	I	C

Glycerin	I	I	I
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-9900 should be added together with oil phase or silicone phase if needed in formulas. Be sure that SiCare-9900 is totally dispersed evenly in oil phase before processing.

Storage and Validity:

Unopened stored under 38°C; the shelf-life is 24 months since the production date.

Sample Package: 100ml Transparent Plastic Bottle

Product Package: 20/180kg Plastic Drum

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