

Product Information

Personal Care

Silicone Elastomer Gel

Product Description:

It is a large molecular weight silicone cross-linking copolymer dispersed in volatile silicone oil. It feels soft and moist, silky smooth and dry refreshing with high powder feel. It can cover tiny wrinkles and make wrinkle instant visually disappear with its elasticity. When added in make-up primer and foundation, it can greatly improve the spread-ability of make-up products and make it look more skin-fitting and natural. With sebum-controlling and matt property, it can lower the stickiness of the formulation and improve softness and smoothness. In this way, the product can last long on the skin to improve the moisturizing properties.

Product Features:

- Compatible with most active matter (such as fragrances, vitamins and ramifications of vitamin)
- Feel of film formation
- Super silky smoothness with long-lasting moisturizing property
- Can be used as a thickener for W/O, O/W and water - free formula

Advantages:

- It has super silky smooth and exquisite hand feel with this product in formulas
- Non-greasy
- Sebum-controlling
- Long-lasting skin feel
- Reduce the tackiness feel of the formulation
- Cover tiny wrinkles
- Quick absorption, matt
- Easy to add, can be cold formulated

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-9905

Silicone Elastomer Gel

INCI: Cyclopentasiloxane(and)Dimethicone Crosspolymer

Typical Physical Properties:

The numerical data based on Silok internal testing purposes only.

Parameter	Value
Appearance	Colorless transparent to translucent gel
Silica gel content %	12
Refraction index n_D^{25}	1.3960 ± 0.0050
Density g/cm^3 25°C	0.96
Viscosity $mm^2/s/25^\circ C$	150,000-200,000
Carrier	Cyclopentasiloxane

Product Components:

Compound of Cyclopentasiloxane (and) Dimethicone Crosspolymer

SiCare-9905 Compatibility with common cosmetic ingredients:

Component	9905	10%	50%	90%
Water	I	I	I	I
Ethyl Alcohol	I	I	C	C
Propylene Glycol	I	I	C	C
Isopropyl alcohol	I	I	C	C
Glycerin	I	I	I	I
Esters				
Isopropyl Myristate	C	C	C	C
Octyl Palmitate	C	C	C	C
Hydrocarbon				
Mineral Oil	I	I	C	C
Isododecane	C	C	C	C
Squalane	C	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

Product Applications:

It can be formulated into W/O and O/W emulsion and cream products, can also be used in water-free formulation. It usually applies in following series:

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

Use Restrictions:

The product is not tested or stated to be edible, medical or pharmaceutical.

Usage:

SiCare-9905 should be added together with oil phase or silicone phase if it is needed in the formulation. Be sure that SiCare-9905 is totally homo dispersed in the oil phase before the processing.

Storage and Validity:

Unopened 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

Product Package: 20kg/180kg Plastic Drum

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