

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 derivatives of vitamins)
- Dry freshness and silky smoothness, softness with powdery texture
- Film-forming feel
- Used as a thickener for W/O, O/W and water-free formulas

Advantages:

- Added into formulas, which has silky smoothness and delicate touch sense
- Absorb the facial sebum, oil-controlling
- Non-greasy
- Long-lasting skin feel
- Reduce stickiness in formulas
- Cover tiny wrinkles
- Quick absorption, matt
- Easy to add, and be cold formulated

Applications:

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

Often used 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 an ultra-large molecular weight silicone cross-linked copolymer dispersing in volatile silicone oil. It feels soft and moist, silkily smooth, dry and refreshing with powdery texture. With elasticity, it can cover tiny wrinkles and make wrinkles instant visually disappear. Added in primers and foundations, it can greatly improve the spreadability of products, to make it easier to apply a makeup looking more skin-fitting and natural. It is sebum-controlling, can lower the stickiness in formulas, improve its softness and smoothness, show matt effect. With those properties, it maintains products on skin surface for long time and further enhances the moisture retention.

Typical Physical Properties:

The data based on Silok internal testing for reference only.

Parameter	Value
Appearance	Colorless transparent to translucent gel
Silica gel content %	13.5
Refractive index n_D^{25}	1.3960±0.0050
Density 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 along with oil phase or silicone phase if needed in formulas. Be sure that SiCare-9900(Silicone Elastic Mixture) is dispersed evenly in oil phase before processing.

Storage and Validity:

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

Sample Package: 75ml Colorless Glass Bottle

Product Package: 20kg/180kg Plastic Drum

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