

Product Information

Personal Care

Silicone Elastomer Gel

Product Components:

Compound of non-volatile Dimethicone and silicone elastomer

Product Features:

- No annular silicone oil, non-volatile
- Moisturizing, soft and smooth with powder texture
- Film-forming feel, enhance the moisture retention of products
- Strong water resistance
- Oil-controlling and matte
- Cover tiny wrinkles
- Improve the skin feel of a formula
- As adhesive for pressed powder cosmetics
- Increase viscosity in formulation
- Non-flammable
- Easy to formulate, can be hot or cold formulated

Product Applications:

Can be made for W/O, O/W or W/Si products, also for water-free products; usually applied to following series:

- Skin care products
- Make-up, sunscreen products
- Antiperspirant and deodorant
- Hair care products

Recommended Dosage: 2%~80%

Usage:

It should be added along with the oil/silicone phase. Before processing, be sure **SiCare®9926F** is well-dispersed in oil phase.

SiCare®9926F

Silicone Elastomer Gel

INCI:

Dimethicone (and) Dimethicone/ Vinyl Dimethicone Crosspolymer

Product Description:

It is a large molecular weight silicone cross-linking copolymer dispersing in low viscosity and non-volatile dimethicone. It has soft and moist velvety skin feel with powdery texture, long-lasting film forming, can cover tiny wrinkles and smoothen the skin. Added in makeup primer or basement products, can make it easier to apply and a more skin-fitting and natural makeup effect. Can continuously control facial sebum, offer a clean and longer-lasting makeup effect, reduce make-up dissolved phenomenon thus bring better sense of use to a formula. For skin care products, can bring silky and pleasant skin feel, make the skin soft, enhance a product's performances of moisturizing and moisture retention; for sunscreen products, bring much better sense of use.

Providing a matte effect, strong water resistance, and due to the non-volatility, when added into a formula of solids like lipsticks, can avoid the dry shrinkage caused by a volatile oil, and bring a better moisture feel, also be used as adhesive for powder cosmetics, so that the pressed powder cake will be much harder to be broken, can improve the water resistance and keep a makeup face lasting.

Typical physical properties:

The data based on Silok internal testing for reference only.

Parameter	Value
Appearance	Colorless transparent to translucent gel
Silica gel content %	22.5
Refractive index n_D^{25}	1.4030±0.0050
Density g/cm ³ 25°C	0.96
Viscosity mm ² /s 25°C	150,000-250,000
Carrier	Dimethicone

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For detailed information, please visit: [Http://www.silok.com](http://www.silok.com)

SiCare®9926F Compatibility with daily cosmetic components:

Components	9926F=	10%	50%	90%
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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-10est	C	C	C
Alkyl silicone	C	C	C
Phenyl silicone	C	C	C

Remark: C= Compatible

I=Incompatible

Storage and Validity:

Unopened stored below 50°C, the shelf-life is 24 months since the date of production.

Sample Package: 75ml Colorless Glass Bottle

Product Package: 20kg/180kg Plastic Drum

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