

Product Information

Personal Care

Silicone Elastomer Gel

Product Components:

Compound of Cyclopentasiloxane(and) Dimethicone
Crosspolymer

Product Features:

- Velvety soft smoothness with powdery texture
- Long-lasting softness
- Film-forming feel, improve skin barrier function
- Matt
- Absorb facial sebum
- Reduce stickiness in formulas
- Cover fine lines
- Increase the product viscosity
- Easy to add, can be cold formulated

SiCare[®]9910F Compatibility with common cosmetic ingredients:

Component	SiCare [®] 9910F Proportion	10 %	50 %	90 %
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: C = Compatible

I= Incompatible

Limited Liability

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SiCare[®]9910F

Silicone Elastomer Gel

INCI: Cyclopentasiloxane (and) Dimethicone
Crosspolymer

Product Description:

It is an ultra-large molecular weight silicone cross-linked copolymer dispersing in Cyclopentasiloxane. Feels velvety soft smooth, elastic with powdery texture. Can cover tiny wrinkles and smoothen skin, absorb skin sebum. Can improve skin affinity and lasting makeup effect of color cosmetics, reduce stickiness and greasiness of formulas, endow skin with fresh and light feel, and offer lasting softness and smoothness. Can also offer matte misty face texture, increase the viscosity of products so as to enhance the stability.

Typical Physical Properties:

The data based on Silok internal testing for reference only.

Parameter	Value
Appearance	Colorless transparent to translucent gel
Silica gel content %	14.0
Refractive index n_D^{25}	1.3950 ± 0.0050
Density 25°C	0.95
Viscosity mm ² /s/ (25°C)	150,000-250,000
Carrier	Cyclopentasiloxane

Storage and Validity:

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

Sample Package: 75ml Colorless Glass Bottle

Product Package: 20kg/180kg Plastic Drum

Applications:

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

Mostly used in following series:

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

Usage:

SiCare[®]9910F should be added along with oil phase or silicone phase if needed in formulas. Be sure that SiCare[®]9910F is dispersed evenly in oil phase before processing.

Restrictions:

The product is untested or unstated to be edible, medical or pharmaceutical.

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