Product Information

SiCare®9918

Personal Care-Silicone Elastomer

Silicone Elastomer Gel

Product Components:

Olive Oil, Isoparaffin and Dimethicone Crosspolymer

INCI: Isododecane (and) Isohexadecane (and) Olea Europaea (Olive) Fruit Oil (and) Demethicone/Vinyl Dimethicone Crosspolymer

Product Features:

- No annular silicone oil as carrier
- Velvety powdery texture and smooth skin feel
- Obvious moist feel
- Excellent spread ability and applying feel
- Sebum-absorbing, oil-controlling
- Great in covering fine lines
- Effective and long-lasting

Advantages:

- Velvety and lightsome feel when added
- Non-oily, non-greasy
- Reduce stickiness
- Facial-oil controlling
- Effective and long-lasting skin feel
- Cover fine lines and pores, smoothen the skin
- Easy to add, can be cold formulated
- Thickening, as thickener for W/O and water-free formulas

Applications:

Can be formulated into W/O or O/W lotions and creams, also into water-free products; usually used for the following series:

- Skin care
- Makeup, sunscreen
- Antiperspirant and deodorant

Product Description:

SiCare®9918 is a mixture of ultra-large molecular weight silicone crosspolymer dispersed in olive oil and isoparaffin, with no annular silicone oil, more moisturizing and skin-fitting, non-irritating, lastingly smooth. It has obvious velvety powdery texture and elasticity to reduce the stickiness and promote skin feel and applying feel, compatible with organic oils, with a function as a thickener. Can cover tiny wrinkles when added in a product and bring instantly visual effect in fading wrinkles. When added in makeup primer and foundation, can greatly improve the spread ability when makeup applying, easier to apply and make the look more fitting and natural, control facial oil and sebum and stay refreshing. For skin care products, can make a product to stay longer on skin surface, enhance hydrating performance especially for eye cream, facial cream and primer products, etc..

Typical physical properties:

The data based on Silok internal testing for reference only.

Parameter	Value
Appearance	Transparent to translucent gel
Silica gel content %	18.00±3.00
Refractive index n_D^{25}	1.4200±0.0050
Density g/cm^3/25℃	0.80±0.02
Viscosity mm^2/s /25℃	100,000-250,000
Carrier	Olive oil, Isoparaffin

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®9918 Compatibility with daily cosmetic components:

Components 9918 (%)=	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			
Simethicone-10cst	C	C	C
Alkyl silicone oil	C	C	C
Phenyl silicone oil	C	C	C

Remark: C= Compatible I = Incompatible

Usage:

SiCare®9918 should be added along with oil /silicone phase. Before processing, make sure it's well dispersed in oil phase.

Storage and Validity:

Unopened stored below 38℃, the shelf-life is 24 months since the date of production.

Sample Package: 250ml Transparent Glass Bottle

Product Package: 18、150kg Plastic Drum

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