
Film former RH-SR-40

Component:

Methyl MQ silicone

Characteristics:

RH-SR-40 is a 100% trimethylsilyloxysilicate resin. The product has excellent film-forming performance and is easily soluble in a variety of organic silicone oils. It is widely used in skin care, make-up, sunscreen and hair care products.

Parameter:

Item	Standard
INCI	Trimethylsilyloxysilicate
Appearance	White powder
Smell	Odourless to light odor
Specific gravity	1.15~1.25
Flash point (closed cup)	>100°C

Features

- Compatible with a variety of organic greases and silicone oils;
- Improves comfort, color intensity and luster in color cosmetic products;
- When used in sunscreen products, good compatibility with sunscreen agents and better wash-off resistance make it possible to potentially increase the SPF value

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of sunscreen products;

- Provides excellent transfer resistance and wash-off resistance for base makeup products, and can form a durable film that is resistant to abrasion and wash-off;

Application

Formula type	Recommended addition
Makeup holding liquid foundation	10-15%
Eye black	25-35%
Sunscreen	5-10%

Usage method

In order to facilitate the addition in use and increase the dispersibility in the formula, it can be dissolved in different organic oils and silicone oils. It is recommended to add a small amount of film-forming agent several times under stirring to speed up the solvent speed. The following table shows the compatibility of resin powder with many common cosmetic ingredients:

Common cosmetic raw materials	1:1
Water	NC
Ethanol	C
Ester	
Caprylic / capric triglyceride	C
C12-15	C
Alkyl benzoate	C

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Hydrocarbon	
Squalane	NC
Isododecane	C
Isohexadecane	C
Organosilicone	
Polysiloxane	C
Cyclopentameric dimethylsiloxane	C
Methyl polytrimethylsiloxane	C
Octyl polymethylsiloxane	C
Phenyl polytrimethylsiloxane	C

NC: incompatible, C: compatible

Package

20kg bags

Storage

Prevent direct sunlight, keep away from open fire and store in dry and ventilated place.

The storage period is 2 years.

DISCLAIMER

The technical parameters provided in this paper are all typical values for reference only. They are not regarded as product acceptance standards and are subject to change without notice. Due to the difference of use conditions, we can not guarantee the effect and applicability of the product under all circumstances, and we will not be liable for any direct, indirect or accidental losses arising therefrom. Users shall conduct relevant tests or consult our technical personnel before using the product.

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