

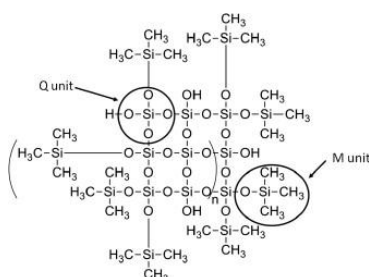
# XJY-8203/8205 Silicone MQ Resin (Trimethylsiloxysilicate)

INCI Name: Trimethylsiloxysilicate

CAS No.: 68988-56-7

XJY-8203/8205 is a series of solid silicone resin powder, these silicone resin have been specially developed to provide film-forming, non-transfer, and softness effect. It can provide excellent water repellency and resistance to detergent/water wash off and a flexible film with a smooth and comfortable touch on the surface for many applications in personal care and makeup. For example, hair products, cosmetics products, anti-frizz Conditioners & Treatments, and sun care products.

In order to match your producing technology, we can provide a series of liquid products too. We have a mixed liquid of Dimethicone / Isododecane / Cyclopentasiloxane and Silicone MQ resin (Trimethylsiloxysilicate).



## Characteristics

### Powder

INCI Name	Silicone MQ Resin (Trimethylsiloxysilicate)	
XJY Mark	XJY-8203	XJY-8205
Appearance(Color)	White	
Appearance(Texture)	Powder	
Percent of Resin %	>99 %	
Particle Size(Microns)	<80	<150

### Liquid

INCI Name	Cyclopentasiloxane (and) Silicone MQ Resin (Trimethylsiloxysilicate)	Dimethicone (and) Silicone MQ Resin (Trimethylsiloxysilicate)	Isododecane (and) Silicone MQ Resin (Trimethylsiloxysilicate)
XJY Mark	XJY-8205C	XJY-8205M	XJY-8205I
Appearance(Color)	Colorless		
Appearance(Texture)	Liquid		
Percent of Resin %	50 %	50 %	20 %
Viscosity(mPa.s)	70-200	300-700	3-10

## XJY-8203 VS Other Brand Trimethylsiloxysilicate

ITEM	XJY-8203	Other Brand	Test Method
Appearance	Colored cream	Colored cream	N/A
Centrifugation test	Stable	Stable	2000RPM/30MINS
High temp. test	Stable	Stable	55°C
Low temp. test	Stable	Stable	-15°C
Thickening Process	10	10 identical	4mins thickening
Lasting Powder	9	10	User's standard
Solubility in ISO	10	10	1 min solving
Solubility in D5	10	10	1 min solving
Smoothness	10	10	User's standard
Pb/Cd/Hg/As	N.D.	N.A.	--

## XJY-8205 VS Other Brand Trimethylsiloxysilicate

ITEM	XJY-8205	Other Brand
Appearance	Membrane well-distributed	Membrane inhomogeneous
Tactile Impression	Hard	Hard, brittle
Water Resistance	High	High
Grease Resistance	High	High
Membrane Elasticity	Normal	Worse
Membrane Durability	High	High
Membrane Integrity(1 hour)	Middle	Low

## Packaing

- Powder:
  - ◆ 25kg barrel
- Liquid:
  - ◆ 40kg drum
  - ◆ 200kg drum

## Features & Advantage

- ✚ Wash-resistant effect
- ✚ Long-lasting emollience
- ✚ Good compatibility with other cosmetic ingredients
- ✚ Promotes pigment adhesion
- ✚ Imparts wash-off resistance
- ✚ Prevent pigment agglomeration
- ✚ Excellent anti-frizz properties
- ✚ Humidity resistance

## Application

- Hair Care
  - ◆ Curl conditioner
  - ◆ Hair serums
  - ◆ Hair Melting Balm
  - ◆ Replenishing Hair Mask
  - ◆ Non-transfer Light Hair Coating Serum
  - ◆ Weightless Hair Oil
- Color Cosmetics / Make Up
  - ◆ Lip Plumper
  - ◆ Non-transfer Lipsticks
  - ◆ Liquid Lip
  - ◆ Glossy Lip Balm
  - ◆ Lip Gloss
  - ◆ Ultra-Shine Lip Gloss
  - ◆ BB Cream
  - ◆ CC Cream
  - ◆ Cream Blush
  - ◆ Cover Cushion
  - ◆ Shining Sun Cushion
  - ◆ Foundation
  - ◆ Fixer Mist
  - ◆ Eyeliner
- Anti-frizz Conditioners & Treatments
  - ◆ Anti-Frizz Hair Perfume Mist
  - ◆ Silk Touch Coating Serum
- Sun care
  - ◆ Sunscreen
  - ◆ Sun Lotion
  - ◆ Sunblock Spray

## APPLICATIONS SUGGESTION

- Sun care: 1%-5%
- Hair care : 2%- 10%
- Deodorant & Antiperspirant: 3%-10%
- Skin care (Facial care, Body lotion, body cream): 2%- 4%
- Color cosmetic (Lipstick, Lipgloss, Eyeliner, BB cream): 11%-14%

Disclaimer-The information presented here should not be interpreted as real application percentage, only suggestion.

Use test comparison

XJY SILICONES

other brands



XJY SILICONES

Other brands

