

## BeauSil™ GEL 8039 Silicone Crosspolymer as an ingredient for Personal Care

### Description

Silicone elastomer gels are an important raw material for modern high-end cosmetic products such as BB creams, lipglosses, pencils, foundations, primers, soft focus and anti-aging face creams for an even matte finish.

### Key Features

- Matt effect
- No balling effect when rubbed on skin
- Silky skin feel
- Supports moisturizing

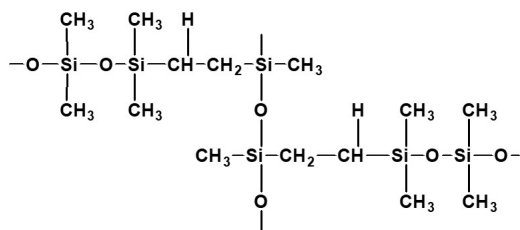
### Key Applications

- Color Cosmetic
- Sun Care
- Primer
- Skin Care

### Application

BeauSil GEL 8039 is a high molecular weight specialty silicone elastomer carried in D5. BeauSil GEL 8039 features a non-tacky, ultra-smooth feel with haze free clarity.

### Structure of a Crosspolymer Gel



### Health & Safety

Safety Data Sheet available on request.

### Packaging

Drums. Contact our sales department for further information.

Revision Date 12 May 2021  
Revision No 2  
Download Date 29 Nov 2021

### Property

#### Product

Appearance

Crosspolymer Content (%)

INCI Name

Ionicity

MIT Free

Viscosity

#### Addition Rates

Dosage - 1

Dosage - 2

Dosage - 3

#### Solubility

Solubility - Almond oil

Solubility - Cetyl Dimethicone

Solubility - Dimethicone 350cst

Solubility - Ethanol

Solubility - Ethylhexylcarbonate

Solubility - Glycerine

Solubility - IPM

Solubility - Isododecane

Solubility - Paraffin Oil

Solubility - Polysorbate-20

Solubility - Propylenglycol

Solubility - Water

#### Storage

Max Storage Temperature

Min Storage Temperature

Shelf Life

### Test Method

Brookfield **Clear to slightly hazy gel**

**10-14**

**Cyclopentasiloxane (and) Dimethicone Crosspolymer**

**Non-ionic**

**Yes**

**Approx. 400,000 cP**

**0.1 - 10.0% in Sun Care**

**0.3 - 15.0% in Color Cosmetic and Skin Care**

**10.0 - 80.0% in Primer**

**Insoluble**

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**Soluble**

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**40 °C / 104 °F**

**4 °C / 39 °F**

**18 mths**

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