

## BeauSil™ GEL 8005 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

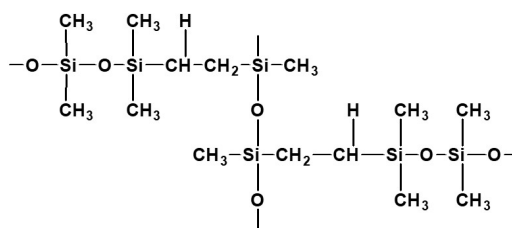
### Key Applications

- Color Cosmetic
- Sun Care
- Primer
- Skin Care

### Application

BeauSil GEL 8005 is a high molecular weight speciality silicone elastomer carried in D5. BeauSil GEL 8005 features a non-tacky, powdery-smooth feel.

### Structure of a Crosspolymer Gel



### Health & Safety

Safety Data Sheet available on request.

### Packaging

Drums. Contact our sales department for further information.

Revision Date 16 Jun 2021  
Revision No 3  
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

Value  
**Clear to slightly hazy Gel**  
**13-15**  
**Cyclopentasiloxane (and) Dimethicone/Vinyldimethicone Crosspolymer**  
**Non-ionic**  
**Yes**  
Brookfield **200,000 - 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 Primers**

**Insoluble**  
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**Soluble**  
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**40 °C / 104 °F**  
**4 °C / 39 °F**  
**18 mths**

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