

## CHT-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

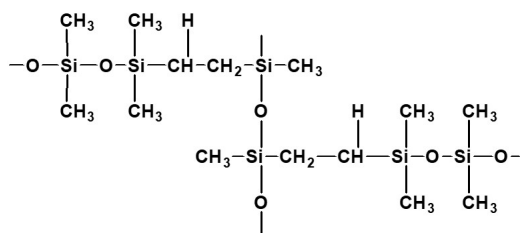
### Key Applications

- Color Cosmetic
- Sun Care
- Primer
- Skin Care

### Application

CHT-BeauSil™ GEL 8005 is a high molecular weight speciality silicone elastomer carried in D5. CHT-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 30 Nov 2021  
Revision No 4  
Download Date 12 Aug 2022

### 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

### 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  
Insoluble  
Soluble  
Insoluble  
Soluble  
Insoluble  
Insoluble  
Soluble  
Insoluble  
Insoluble  
Insoluble

### Storage

Max Storage Temperature 40 °C / 104 °F  
Min Storage Temperature 4 °C / 39 °F  
Shelf Life 18 mths

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