

## CHT-BeauSil™ GEL 8015 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 the skin
- Silky to waxy skin feel
- Wrinkle masking

### Key Applications

- Color Cosmetic
- Sun Care
- Primer
- Skin Care

### Application

CHT-BeauSil™ GEL 8015 is a high molecular weight specialty silicone elastomer carried in Dimethicone. CHT-BeauSil™ GEL 8015 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 27 May 2022  
Revision No 7  
Download Date 17 May 2024

### Property

#### Product

Appearance  
Crosspolymer Content (%)

INCI Name

Ionicity  
Ultralow cyclic content  
Viscosity (cst)

#### 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 hazy gel  
8 - 12

Dimethicone (and)  
Dimethicone / Vinyl  
Dimethicone Crosspolymer

Non-ionic

Yes

approx. 400.000

0.1 - 10.0% in Sun Care

0.3 - 15.0% in Color Cosmetic  
and Skin Care

10.0 - 80.0% in Primer

Insoluble

Miscible

Soluble

Insoluble

Soluble

Insoluble

Soluble

Miscible

Miscible

Miscible

Insoluble

Insoluble

40 °C / 104 °F

4 °C / 39 °F

12 mths

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