

## CHT-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

CHT-BeauSil™ GEL 8039 is a high molecular weight specialty silicone elastomer carried in D5. CHT-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 30 Nov 2021  
Revision No 3  
Download Date 24 Apr 2024

### Property

#### Product

Appearance  
Crosspolymer Content (%)  
INCI Name  
Ionicity  
MIT Free  
Viscosity

### Test Method

### Value

Clear to slightly hazy gel  
10-14  
Cyclopentasiloxane (and)  
Dimethicone Crosspolymer  
Non-ionic  
Yes  
Approx. 400,000 cP

### Addition Rates

Dosage - 1 0.1 - 10.0% in Sun Care  
Dosage - 2 0.3 - 15.0% in Color  
Cosmetic and Skin Care  
Dosage - 3 10.0 - 80.0% in Primer

### Solubility

Solubility - Almond oil Insoluble  
Solubility - Cetyl Dimethicone Insoluble  
Solubility - Dimethicone 350cst Soluble  
Solubility - Ethanol Insoluble  
Solubility - Ethylhexylcarbonate Soluble  
Solubility - Glycerine Insoluble  
Solubility - IPM Insoluble  
Solubility - Isododecane Soluble  
Solubility - Paraffin Oil Insoluble  
Solubility - Polysorbate-20 Insoluble  
Solubility - Propylenglycol Insoluble  
Solubility - Water Insoluble

### Storage

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

The content set out in the technical data sheet does not contain information upon which you should rely. It is provided for general information purposes only and does not constitute a product specification. You must obtain professional or specialist advice before taking any action based on the information provided in the technical data sheet. CHT make reasonable efforts to ensure that information set out in the technical data sheet is complete, accurate, and up-to-date. CHT do not, however, make any representations, warranties or guarantees (whether express or implied) that information set out in the technical data sheet is complete, accurate, or up-to-date or that the product will be suitable for your requirements. You should carry out your own testing to determine the applicability of such information and whether the product will be suitable. CHT reserve the right to modify the technical data sheet at any time. The CHT technical service department is available to offer further information and advice and should it be needed to look at modifying current products or custom formulate a new one to meet your specific requirements. Please contact the technical service department.

CHT Germany GmbH: Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany  
Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, Homepage: www.cht.com / www.cht-silicones.com