

CHT-BeauSil™ GEL 8085 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 8085 is a high molecular weight specialty silicone elastomer carried in D5. CHT-BeauSil™ GEL 8085 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 25 Apr 2024

Property

Product

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

Test Method

Value

Clear gel
5-8
Cyclopentasiloxane (and)
Polysilicone-11
Non-ionic
Yes
Approx. 70,000 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