TECHNICAL DATA SHEET



CHT-BeauSil™ GEL 8086 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

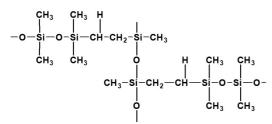
- Color Cosmetic
- Sun Care
- Primer

Skin Care

Application

CHT-BeauSil™ GEL 8086 is a high molecular weight speciality silicone elastomer carried in Dimethicone. CHT-BeauSil™ GEL 8086 features a non-tacky, ultra-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 | 07 May 2024 |

| | Property | Test Method | Value |
|--------|--|----------------|---|
| ing | Product Appearance Crosspolymer Content (%) | | Clear Gel 10-15 |
| | INCI Name | | Dimethicone (and) Polysilocone-11 |
| | lonicity MIT Free Ultralow cyclic content Viscosity | Brookfield | Non-ionic Yes No 400,000 cP |
| , - | Addition Rates Dosage - 1 Dosage - 2 Dosage - 3 | | 0.1 - 10.0% in Sun Care 0.3 - 15.0% in Color Cosmetic and Skin Care 10.0 - 80.0% in Primer |
| | Solubility Solubility - Almond oil Solubility - Cetyl Dimethicone Solubility - Dimethicone 350cst Solubility - Ethanol Solubility - | | Insoluble Insoluble Soluble Insoluble |
| | Ethylhexylcarbonate Solubility - Glycerine Solubility - IPM Solubility - Isododecane Solubility - Paraffin Oil Solubility - Polysorbate-20 Solubility - Propylenglycol Solubility - Water | | Miscible - Soluble Insoluble Soluble Insoluble Insoluble Insoluble Insoluble Insoluble |

Storage

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

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

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.