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-agi face creams for an even matte finish.

Key Features

- Matt effect
- No balling effect when rubbed on skin ٠
- Silky skin feel
- Supports moisturizing

Key Applications

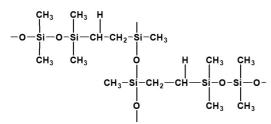
- Color Cosmetic
- Sun Care
- Primer

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 | 19 May 2024 |

| | Property | Test Method | Value |
|--------|--|----------------|---|
| ing | Product Appearance Crosspolymer Content (%) INCI Name Ionicity MIT Free Ultralow cyclic content Viscosity | Brookfield | Clear Gel 10-15 Dimethicone (and) Polysilocone-11 Non-ionic Yes No 400,000 cP |
| , - | Addition Rates Dosage - 1 Dosage - 2 Dosage - 3 | DIOOKIIEIG | 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 - Ethylhexylcarbonate Solubility - Glycerine Solubility - IPM Solubility - IPM Solubility - Isododecane Solubility - Paraffin Oil Solubility - Polysorbate-20 Solubility - Propylenglycol | | Insoluble Insoluble Soluble Insoluble Miscible - Soluble Insoluble Soluble Insoluble Insoluble Insoluble Insoluble Insoluble |
| | Solubility - Water | | Insoluble |

Storage

Max Storage Temperature Min Storage Temperature Shelf Life

40 °C / 104 °F 4 °C / 39 °F 18 mths

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