

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

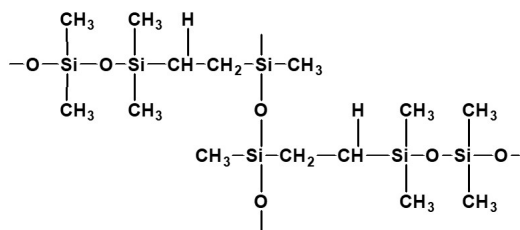
Key Applications

- Color Cosmetic
- Sun Care
- Primer
- Skin Care

Application

BeauSil GEL 8085 is a high molecular weight specialty silicone elastomer carried in D5. 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 12 May 2021
Revision No 2
Download Date 29 Nov 2021

Property

Product

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

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 gel
5-8
Cyclopentasiloxane (and) Polysilicone-11 Non-ionic
Yes
Brookfield **Approx. 70,000 cP**
0.1 - 10.0% in Sun Care
0.3 - 15.0% in Color Cosmetic and Skin Care
10.0 - 80.0% in Primer
Insoluble
Insoluble
Soluble
Insoluble
Soluble
Insoluble
Insoluble
Soluble
Insoluble
Insoluble
Insoluble
40 °C / 104 °F
4 °C / 39 °F
18 mths

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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.

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