

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

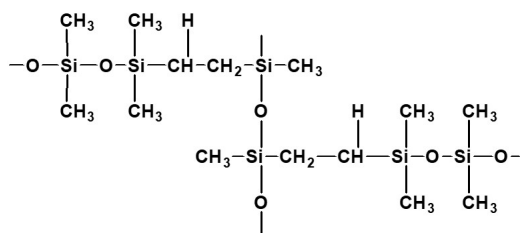
Key Applications

- 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 13 Aug 2022

Property

Product

Appearance
Crosspolymer Content (%)
INCI Name
Ionicity
MIT Free
Ultralow cyclic content
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

Clear Gel
10-15
Dimethicone (and) Polysilocone-11
Non-ionic
Yes
No
Brookfield 400,000 cP

Value

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
Miscible - Soluble
Insoluble
Insoluble
Soluble
Insoluble
Insoluble
Insoluble

40 °C / 104 °F
4 °C / 39 °F
18 mths

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