

CHT-BeauSil™ GEL 8015 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 the skin
- Silky to waxy skin feel
- Wrinkle masking

Key Applications

- Color Cosmetic
- Sun Care
- Primer
- Skin Care

Application

CHT-BeauSil™ GEL 8015 is a high molecular weight specialty silicone elastomer carried in Dimethicone. CHT-BeauSil™ GEL 8015 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 27 May 2022
Revision No 7
Download Date 18 May 2024

Property

Product

Appearance
Crosspolymer Content (%)

INCI Name

Ionicity
Ultralow cyclic content
Viscosity (cst)

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 to hazy gel
8 - 12

Dimethicone (and)
Dimethicone / Vinyl
Dimethicone Crosspolymer

Non-ionic

Yes

approx. 400.000

0.1 - 10.0% in Sun Care

0.3 - 15.0% in Color Cosmetic
and Skin Care

10.0 - 80.0% in Primer

Insoluble

Miscible

Soluble

Insoluble

Soluble

Insoluble

Soluble

Miscible

Miscible

Miscible

Insoluble

Insoluble

40 °C / 104 °F

4 °C / 39 °F

12 mths

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