TECHNICAL DATA SHEET



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

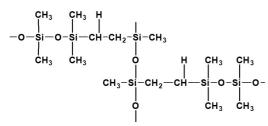
- Color Comestic
- Sun Care
- Primer

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	08 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

> 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 Miscible Miscible Insoluble Insoluble

40 °C / 104 °F 4 °C / 39 °F 12 mths

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