# **TECHNICAL DATA SHEET**



## CHT-BeauSil™ GEL 8005 Silicone Crosspolymer as an ingredient for Personal Care

Property

Product

Appearance

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**

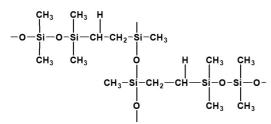
- Color Cosmetic
- Sun Care
- Primer

## Skin Care

## Application

CHT-BeauSil<sup>™</sup> GEL 8005 is a high molecular weight speciality silicone elastomer carried in D5. CHT-BeauSil<sup>™</sup> GEL 8005 features a non-tacky, powdery-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	18 May 2024

Crosspolymer Content (%) 13-15 Cyclopentasiloxane (and) Dimethicone/Vinyldimethicone **INCI Name** Crosspolymer Ionicity Non-ionic MIT Free Yes Brookfield 200,000 - 400,000 cP Viscosity **Addition Rates** Dosage - 1 0.1 - 10.0% in Sun Care 0.3 - 15.0% in Color Cosmetic Dosage - 2 and Skin Care Dosage - 3 10.0 - 80.0% in Primers Solubility Solubility - Almond oil Insoluble Solubility - Cetyl Insoluble Dimethicone Solubility - Dimethicone Soluble 350cst Solubility - Ethanol Insoluble Solubility -Soluble Ethylhexylcarbonate Solubility - Glycerine Insoluble Solubility - IPM Insoluble Soluble Solubility - Isododecane Solubility - Paraffin Oil Insoluble Insoluble Solubility - Polysorbate-20 Solubility - Propylenglycol Insoluble Solubility - Water Insoluble

Test

Method

Value

Clear to slightly hazy Gel

## Storage

Max Storage Temperature40 °C / 104 °FMin Storage Temperature4 °C / 39 °FShelf Life18 mths

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