# TECHNICAL DATA SHEET



## CHT-BeauSil<sup>™</sup> GEL 8142 EM Silicone Crosspolymer Emulsion as an ingredient for Personal Care

#### Description

Property Silicone elastomer gels are an important raw material for modern high-end cosmetic products such as BB creams, Product lipglosses, pencils, foundations, primers, soft focus and anti-aging face creams for an even matte finish.

#### **Key Features**

- Matt effect
- Superior Skin Feel
- Easy to use

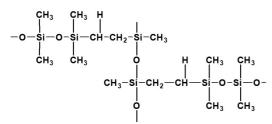
Smoothness without heavy feel

- **Key Applications**
- Skin Care
- Color Cosmetic
- Sun Care

#### Application

CHT-BeauSil™ GEL 8142 EM is an emulsion of a crosspolymer gel for an easy use. The product is water dispersable and suitable for O/W emulsions. It provides ultra-smoothness and a non-tacky skin 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	3
Download Date	18 May 2024

Appearance

**INCI** Name

Ionicity Non-Volatile Content (%) Viscosity

#### **Addition Rates**

Dosage - 1

Dosage - 2

### Solubility

Solubility - Almond oil Insoluble Solubility - Cetyl Dimethicone Insoluble Solubility - Dimethicone Insoluble 350cst Solubility - Ethanol Insoluble Solubility -Insoluble Ethylhexylcarbonate Solubility - Glycerine Miscible Solubility - IPM Insoluble Solubility - Isododecane Insoluble Solubility - Paraffin Oil Insoluble Solubility - Polysorbate-20 Miscible Solubility - Propylenglycol Miscible Solubility - Water Soluble

Test

Method

Value

White emulsion

Laureth-4

Non-ionic

Brookfield Approx. 100,000 cP

Approx. 15

Isododecane (and)

Dimethicone/Vinyl

(and) Ceteth-10 (and)

0.5 - 10.0% in Sun Care

**Cosmetic and Skin Care** 

1.0 - 15.0% in Color

**Dimethicone Crosspolymer** 

#### Storage

Max Storage Temperature	40 °C / 104 °F
Min Storage Temperature	4 °C / 39 °F
Shelf Life	12 mths

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