

## CHT-BeauSil™ GEL 8142 EM Silicone Crosspolymer Emulsion 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
- 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 14 May 2024

### Property

#### Product

Appearance

INCI Name

Ionicity

Non-Volatile Content (%)

Viscosity

#### Addition Rates

Dosage - 1

Dosage - 2

#### 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

White emulsion

Isododecane (and)  
Dimethicone/Vinyl  
Dimethicone Crosspolymer  
(and) Ceteth-10 (and)  
Laureth-4

Non-ionic

Approx. 15

Brookfield Approx. 100,000 cP

0.5 - 10.0% in Sun Care

1.0 - 15.0% in Color  
Cosmetic and Skin Care

Insoluble

Insoluble

Insoluble

Insoluble

Insoluble

Miscible

Insoluble

Insoluble

Insoluble

Miscible

Miscible

Soluble

40 °C / 104 °F

4 °C / 39 °F

12 mths

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