TECHNICAL DATA SHEET



CHT-BeauSil[™] 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.

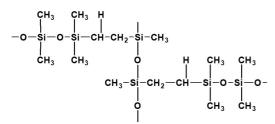
Key Features

- 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	17 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

°C / 104 °F

Dimethicone Crosspolymer

Storage

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

The content set out in the technical data sheet does not contain information upon which you should rely. It is provided for general information purposes only and does not constitute a product specification. You must obtain professional or specialist advice before taking any action based on the information provided in the technical data sheet.

CHT make reasonable efforts to ensure that information set out in the technical data sheet is complete, accurate, and up-to-date. CHT do not, however, make any representations, warranties or guarantees (whether express or implied) that information set out in the technical data sheet is complete, accurate, or up-to-date or that the product will be suitable for your requirements. You should carry out your own testing to determine the applicability of such information and whether the product will be suitable. CHT reserve the right to modify the technical data sheet at any time. The CHT technical service department is available to offer further information and advice and should it be needed to look at modifying current products or custom formulate a new one to meet your specific requirements. Please contact the technical service department.

CHT Germany GmbH: Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany

Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, Homepage: www.cht.com / www.cht-silicones.com