

BeauSil™ FLUID 8120 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

- Film forming
- Moisturizing
- Softness
- Conditioning

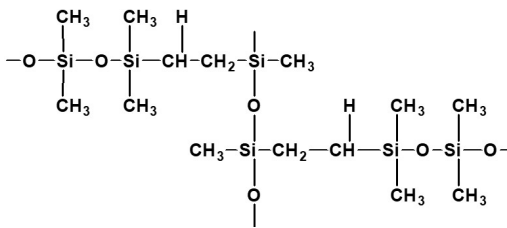
Key Applications

- Shower Gels
- Shampoos
- Wet Wipes
- Skin Care

Application

BeauSil FLUID 8120 EM is an emulsion based on a unique silicone polymer to provide film forming property for protection and conditioning of the skin and hair.

Structure of a Crosspolymer Gel



Health & Safety

Safety Data Sheet available on request.

Packagin

Drums. Contact our sales department for further information.

Revision Date 12 May 2021
Revision No 2
Download Date 29 Nov 2021

Property

Product

Appearance

INCI Name

Ionicity

Non-Volatile Content (%)

Ultralow cyclic content

pH

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

Divinyldimethicone/Dimethicone Copolymer (and) C12-13 Pareth-23 (and) C12-13 Pareth-3

Non-ionic

Approx. 60

Yes

Approx. 5

0.5 - 5.0% in Hair Care

1.0 - 5.0% in Skin Care

Miscible

Insoluble

Miscible

Insoluble

Insoluble

Miscible

Insoluble

Insoluble

Insoluble

Miscible

Soluble

Soluble

40 °C / 104 °F

4 °C / 39 °F

12 mths

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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.

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