

TECHNICAL DATA SHEET

BeauSil™ BEAD 8105 EM Silicone Elastomer Emulsion for Personal Care Formulations

Description

This product is an emulsion of a silicone elastomer for personal care formulations.

Key Features

- Silky powdery feeling on skin
- Easily used in aqueous and some lipophilic media
- Matte finish
- Cold Processing

Key Applications

- Color Cosmetic
- Facial Mask
- Skin Care
- Primer

Application

BeauSil BEAD 8105 EM is a specialty cosmetic emulsion designed to deliver spherical elastomeric silicone powder into water-based products. BeauSil BEAD 8105 EM has a low cyclic content.

Use and Cure Information

This product can be incorporated directly into the aqueous phase and dispersed with minimal agitation. Typical use levels for this product are between 3 and 10% in the final formulation.

Health & Safety

Read product and safety data sheets before handling this product for physical and health hazard information. The safety data sheet is available from your CHT representative.

Limitations

This product is not intended for pharmaceutical use.

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Property	Test Method	Value
Product		White Emulsion
Appearance		Dimethicone/Vinyldimethicone Crosspolymer (and) C12-14 Pareth 12
INCI Name		Non-ionic
Ionicity		Yes
MIT Free		68
Non-Volatile Content (%)		68
Ultralow cyclic content		Yes
Viscosity	Brookfield	5000 cP
pH		4.5
Storage		
Max Storage Temperature		40 °C / 104 °F
Min Storage Temperature		4 °C / 39 °F
Packaging		40 lb. pails, 441 lb. drums, and 2205 lb. totes
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.

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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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