

TECHNICAL DATA SHEET

BeauSil™ GEL 8020 Silicone Crosspolymer for Personal Care

Description

This product is a personal care crosspolymer gel.

Key Features

- Provides smooth and powdery feel on skin
- Boost Viscosity
- Soft focus and blurring effects
- Reduces Tackiness of formulations

Key Applications

- Color Cosmetic
- Sun Care
- Primer
- Skin Care

Application

BeauSil GEL 8020 is a high molecular weight specialty silicone elastomer carried in cyclopentasiloxane (D5). BeauSil GEL 8020 provides a non-tacky, powdery-smooth feel. BeauSil GEL 8020 has been used in a wide variety of personal care applications boosting viscosity, aesthetics and soft focus.

Use and Cure Information

This product can be incorporated directly into the oil phase of the final formulation. This product has been used at any weight percent in a final formulation and will disperse easily in non-aqueous diluents with minor agitation.

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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Revision No 4
Download Date 29 Nov 2021

Property

Product

Appearance

INCI Name

MIT Free

Ultralow cyclic content

Viscosity

Storage

Max Storage

Temperature

Min Storage Temperature

Packaging

Shelf Life

Test Method

Brookfield

Value

**Viscous Clear Gel
Cyclopentasiloxane
(and) Dimethicone
Crosspolymer**

Yes

No

450000 cP

40 °C / 104 °F

4 °C / 39 °F

**35 lb. pails, 385 lb.
drums**

18 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.

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