TECHNICAL DATA SHEET



CHT-BeauSil™ GEL 8003 Silicone Crosspolymer as an ingredient for Personal Care

Property

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
- No balling effect when rubbed on skin
- Silky skin feel
- Supports moisturizing

Key Applications

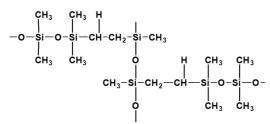
- Color Cosmetic
- Sun Care
- Primer

Skin Care

Application

CHT-BeauSil[™] GEL 8003 is a high molecular weight specialty silicone elastomer carried in D5. CHT-BeauSil[™] GEL 8003 features a non-tacky, ultra-smooth feel with haze free clarity.

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

Product Appearance **Viscous Clear Gel** Crosspolymer Content (%) 5-10 Cyclopentasiloxane (and) Dimethicone/VinyIdimethicone **INCI Name** Crosspolymer Non-ionic Ionicity MIT Free Yes Viscosity Brookfield 250000 cP **Addition Rates** Dosage - 1 0.1 - 10.0% in Sun Care 0.3 - 15.0% in Color Cosmetic Dosage - 2 and Skin Care Dosage - 3 10.0 - 80.0% in Primer Solubility Solubility - Almond oil Insoluble Solubility - Cetyl Insoluble Dimethicone Solubility - Dimethicone Soluble 350cst Solubility - Ethanol Insoluble Solubility -Soluble Ethylhexylcarbonate Solubility - Glycerine Insoluble Solubility - IPM Insoluble Soluble Solubility - Isododecane Solubility - Paraffin Oil Insoluble Insoluble Solubility - Polysorbate-20 Solubility - Propylenglycol Insoluble Solubility - Water Insoluble Storage

Test

Method

Value

Max Storage Temperature Min Storage Temperature Shelf Life 40 °C / 104 °F 4 °C / 39 °F 18 mths

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