TECHNICAL DATA SHEET



CHT-BeauSil™ GEL 8085 Silicone Crosspolymer 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

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

Key Applications

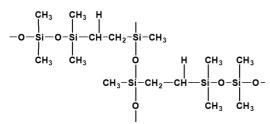
- Color Cosmetic
- Sun Care
- Primer

Skin Care

Application

CHT-BeauSil[™] GEL 8085 is a high molecular weight specialty silicone elastomer carried in D5. CHT-BeauSil[™] GEL 8085 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	08 May 2024

	Property	Test Method	Value
g	Product Appearance		Clear gel
0	Crosspolymer Content (%)		5-8
	INCI Name		Cyclopentasiloxane (and) Polysilicone-11
	Ionicity		Non-ionic
	MIT Free		Yes
	Viscosity	Brookfield	Approx. 70,000 cP
	Addition Bates		
	Dosage - 1		0.1 - 10.0% in Sun Care
	0		0.3 - 15.0% in Color
	Dosage - 2		Cosmetic and Skin Care
	Dosage - 3		10.0 - 80.0% in Primer
	Solubility		
	Solubility - Almond oil		Insoluble
	Solubility - Cetyl Dimethicone		Insoluble
	Solubility - Dimethicone 350cst		Soluble
	Solubility - Ethanol		Insoluble
	Solubility - Ethylhexylcarbonate		Soluble
	Solubility - Glycerine		Insoluble
	Solubility - IPM		Insoluble
	Solubility - Isododecane		Soluble
	Solubility - Paraffin Oil		Insoluble
	Solubility - Polysorbate-20		Insoluble
	Solubility - Propylenglycol		Insoluble
	Solubility - Water		Insoluble
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Storage

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

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