TECHNICAL DATA SHEET



CHT-BeauSil™ GEL 8055 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

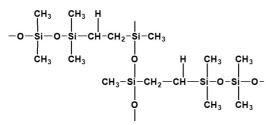
- Color Cosmetic
- Sun Care
- Primer

Skin Care

Application

CHT-BeauSil™ GEL 8055 is a high molecular weight specialty silicone elastomer carried in Dimethicone. CHT-BeauSil™ GEL 8055 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	18 May 2024

	Property	Test Method	Value
g	Product Appearance Crosspolymer Content (%) INCI Name		Clear gel Approx. 5 Dimethicone (and) Dimethicone/Vinyldimethicone
	Ionicity MIT Free Ultralow cyclic content Viscosity	Brookfield	Crosspolymer Non-ionic Yes Yes Approx. 500,000 cP
	Addition Rates Dosage - 1 Dosage - 2 Dosage - 3		0.1 - 10.0% in Sun Care 0.3 - 15.0% in Color Cosmetic and Skin Care 10.0 - 80.0% in Primer
	Solubility - Almond oil Solubility - Cetyl Dimethicone Solubility - Dimethicone 350cst Solubility - Ethanol Solubility - Ethanol Solubility - Ethylhexylcarbonate Solubility - Glycerine Solubility - Glycerine Solubility - IPM Solubility - IPM Solubility - Isododecane Solubility - Paraffin Oil Solubility - Polysorbate-20 Solubility - Propylenglycol Solubility - Water		Insoluble Miscible Soluble Insoluble Soluble Soluble Soluble Miscible Miscible Insoluble

Storage

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

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