TECHNICAL DATA SHEET



CHT-BeauSil[™] GEL 8039 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 ٠
- Silky skin feel
- Supports moisturizing

Key Applications

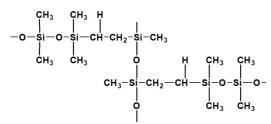
- Color Cosmetic
- Sun Care
- Primer

Skin Care

Application

CHT-BeauSil™ GEL 8039 is a high molecular weight specialty silicone elastomer carried in D5. CHT-BeauSil™ GEL 8039 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	29 Apr 2024

	Property	Test Method	Value
g	Product Appearance Crosspolymer Content (%) INCI Name Ionicity MIT Free Viscosity	Brookfield	Clear to slightly hazy gel 10-14 Cyclopentasiloxane (and) Dimethicone Crosspolymer Non-ionic Yes Approx. 400,000 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 Solubility - Almond oil Solubility - Cetyl Dimethicone Solubility - Dimethicone 350cst Solubility - Ethanol Solubility - Ethylhexylcarbonate Solubility - Glycerine Solubility - IPM Solubility - Isododecane Solubility - Paraffin Oil Solubility - Polysorbate-20 Solubility - Propylenglycol Solubility - Water		Insoluble Insoluble Soluble Insoluble Insoluble Insoluble Insoluble Insoluble Insoluble Insoluble Insoluble Insoluble
	Storago		

Storage

Max Storage Temperature Min Storage Temperature Shelf Life

40 °C / 104 °F 4 °C / 39 °F 18 mths

CHT Germany GmbH: Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany

Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, Homepage: www.cht.com / www.cht-silicones.com

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