# **TECHNICAL DATA SHEET**



# CHT-BeauSil™ GEL 8086 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**

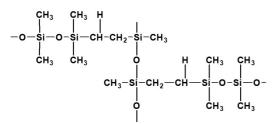
- Color Cosmetic
- Sun Care
- Primer

## Skin Care

#### Application

CHT-BeauSil™ GEL 8086 is a high molecular weight speciality silicone elastomer carried in Dimethicone. CHT-BeauSil™ GEL 8086 features a non-tacky, ultra-smooth feel.

## 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	4
Download Date	17 May 2024

	Property	Test Method	Value
ing	Product Appearance Crosspolymer Content (%) INCI Name Ionicity MIT Free Ultralow cyclic content Viscosity	Brookfield	Clear Gel 10-15 Dimethicone (and) Polysilocone-11 Non-ionic Yes No 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 - Almond oil Solubility - Cetyl Dimethicone Solubility - Dimethicone 350cst Solubility - Ethanol Solubility - Ethanol Solubility - Glycerine Solubility - Glycerine Solubility - IPM Solubility - Isododecane Solubility - Paraffin Oil Solubility - Polysorbate-20 Solubility - Propylenglycol		Insoluble Insoluble Soluble Insoluble Miscible - Soluble Insoluble Insoluble Insoluble Insoluble Insoluble Insoluble Insoluble
	Solubility - Water		Insoluble

# 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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