# **TECHNICAL DATA SHEET**



## CHT-BeauSil™ GEL 8094 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**

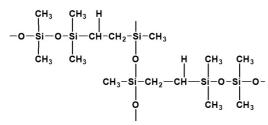
- Color Cosmetic
- Sun Care
- Primer

### Skin Care

#### Application

CHT-BeauSil™ GEL 8094 is a high molecular weight specialty silicone elastomer carried in Isododecane. CHT-BeauSil™ GEL 8094 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

## Product Appearance Crosspolymer Content (%)

INCI Name

Property

MIT Free Ultralow cyclic content Viscosity

#### **Addition Rates**

Dosage - 1

Dosage - 2

Dosage - 3

#### 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

## Storage

Max Storage Temperature Min Storage Temperature Shelf Life

Method Value

Test

Viscous Clear Gel 5-10% Isododecane (and) Dimethicone/Vinyl Dimethicone Crosspolymer Yes Yes Brookfield 500000 cP

> 0.1 - 10.0% in Sun Care 0.3 - 15.0% in Color Cosmetic and Skin Care

10 - 80% in Primer

Insoluble Insoluble Soluble Insoluble Soluble Soluble Insoluble Insoluble Insoluble Insoluble Insoluble

40 °C / 104 °F 4 °C / 39 °F 18 mths

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