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

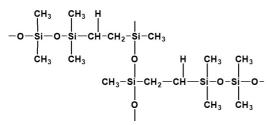
- Color Cosmetic
- Sun Care
- Primer

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	17 May 2024

Product Appearance Crosspolymer Content (%)

Test

Method

Value

5-10%

Yes

Yes

Brookfield 500000 cP

Viscous Clear Gel

Isododecane (and)

Dimethicone/Vinyl

Dimethicone Crosspolymer

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 0.1 - 10.0% in Sun Care 0.3 - 15.0% in Color Cosmetic and Skin Care 10 - 80% in Primer

Insoluble Insoluble Soluble Soluble Insoluble Soluble Insoluble Insoluble Insoluble Insoluble Insoluble

40 °C / 104 °F 4 °C / 39 °F 18 mths

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