TECHNICAL DATA SHEET



CHT-BeauSil™ GEL 8055 Silicone Crosspolymer as an ingredient for Personal Care

Property

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

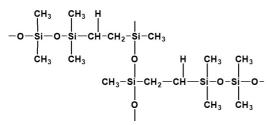
- Color Cosmetic
- Sun Care
- Primer

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	08 May 2024

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

Test

Value

Solubility - Water Storage

Max Storage Temperature Min Storage Temperature Shelf Life

Solubility - Propylenglycol

40 °C / 104 °F 4 °C / 39 °F 18 mths

Insoluble

Insoluble

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