TECHNICAL DATA SHEET



CHT-BeauSil™ GEL 8017 Silicone Crosspolymer as an ingredient for Personal Care

Description
B 00011pt1011

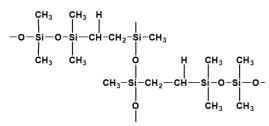
Silicone elastomer gels are an important raw material for modern high-end cosmetic products such as BB creams, lipglosses, pencils, foundations, primers, soft focus and anti-aging face creams for an even matte finish.

- 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 8017 is a high molecular weight speciality silicone elastomer carried in a special mixture of organic oils. CHT-BeauSil[™] GEL 8017 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	18 May 2024

PropertyTest
MethodProductAppearanceCrosspolymer Content (%)

Test

INCI Name

Ionicity 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

Clear Gel Approx. 6 C13-15 Alkane (and) Isododecane (and) Dimethicone/Vinyldimethicone Crosspolymer (and) Caprylyl Methicone Non-ionic Yes Yes

Brookfield 150,000 cP

Value

0.1 - 10.0% in Sun Care 0.3 - 15.0% in Color Cosmetic and Skin Care 10.0 - 80.0% in Primer

Insoluble Miscible Soluble Insoluble Soluble Soluble Soluble Miscible Insoluble Insoluble

40 °C / 104 °F 4 °C / 39 °F 18 mths

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