## **TECHNICAL DATA SHEET**



# CHT-BeauSil™ WAX 040 Modified siloxane as an ingredient for Personal Care.

#### Description

Silicone waxes are more than an emollient in Personal Care. Silicone waxes are alkyl modified polydimethyl siloxanes that act different than classic silicone fluids in formulations. Outstanding performance is created by the alkyl modification which result in unique physical and chemical properties.

#### **Kev Features**

- · Enhances spreading and solubilizing of natural lipids
- · Emollient and Conditioning agent
- Reduces tackiness
- · Cleansing effect

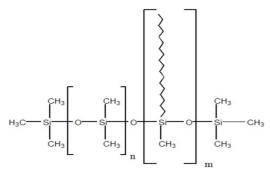
#### **Key Applications**

- Hair Care
- Skin Care
- Color Cosmetic
- Sun Care

### **Application**

CHT-BeauSil™ WAX 040 is a liquid silicone wax used in personal care applications like sun, skin and hair care formulations or decorative cosmetic. Its surface activity in many organic media enhances the spreading and wetting behaviour of formulations. It creates a pleasant skin feeling combined with improved shine.

#### Structure of a silicone wax



#### **Health & Safety**

Safety Data Sheets on request available.

#### **Packaging**

Drums. Contact our sales department for more information.

Revision Date 30 Nov 2021

Revision No 3

Download Date 19 May 2024

Property Test Value Method

**Product** 

Appearance Colourless to yellow liquid

INCI Name Caprylyl methicone

Ionicity Non-ionic MIT Free Yes

Non-Volatile Content (%) Approx. 100

Ultralow cyclic content

Viscosity

Yes

Brookfield <50 cP

**Addition Rates** 

Dosage - 1

Dosage - 2

0.3 - 5.0% as emollient and reduction of tackiness

up to 100.0% as solvent

Insoluble

Insoluble

Insoluble

Solubility

Solubility - Almond oil Soluble Solubility - Cetyl Dimethicone Soluble Solubility - Dimethicone Soluble 350cst Soluble Solubility - Ethanol Solubility -Soluble Ethylhexylcarbonate Solubility - Glycerine Insoluble Solubility - IPM Soluble Solubility - Isododecane Soluble Soluble Solubility - Paraffin Oil

Storage

Solubility - Polysorbate-20

Solubility - Propylenglycol Solubility - Water

 $\begin{array}{lll} \text{Max Storage Temperature} & 40 \, ^{\circ}\text{C} \, / \, 104 \, ^{\circ}\text{F} \\ \text{Min Storage Temperature} & 4 \, ^{\circ}\text{C} \, / \, 39 \, ^{\circ}\text{F} \\ \text{Shelf Life} & 24 \, \text{mths} \\ \end{array}$