

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.

Key Features

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

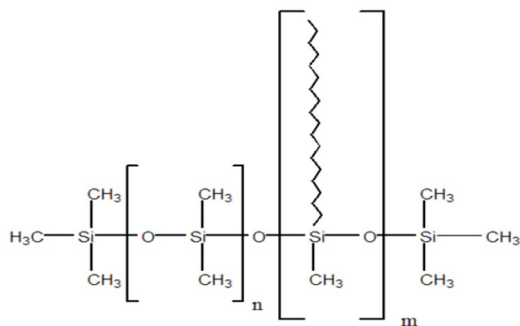
Key Applications

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

Application

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 12 May 2021
Revision No 2
Download Date 29 Nov 2021

Property

Product

Appearance

INCI Name

Ionicity

MIT Free

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

Test Method

Value

Colourless to yellow liquid

Caprylyl methicone

Non-ionic

Yes

Approx. 100

Yes

Brookfield <50 cP

Addition Rates

Dosage - 1

0.3 - 5.0% as emollient and reduction of tackiness

Dosage - 2

up to 100.0% as solvent

Solubility

Solubility - Almond oil

Soluble

Solubility - Cetyl Dimethicone

Soluble

Solubility - Dimethicone 350cst

Soluble

Solubility - Ethanol

Soluble

Solubility - Ethylhexylcarbonate

Soluble

Solubility - Glycerine

Insoluble

Solubility - IPM

Soluble

Solubility - Isododecane

Soluble

Solubility - Paraffin Oil

Soluble

Solubility - Polysorbate-20

Insoluble

Solubility - Propylenglycol

Insoluble

Solubility - Water

Insoluble

Storage

Max Storage Temperature

40 °C / 104 °F

Min Storage Temperature

4 °C / 39 °F

Shelf Life

24 mths

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The CHT technical service department is available to offer further information and advice and should it be needed to look at modifying current products or custom formulate a new one to meet your specific requirements. Please contact the technical service department.

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