

BeauSil™ WAX 070 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
- Reduces tackiness
- Provides controlled moisturization
- Dispersing and Solubilizing properties

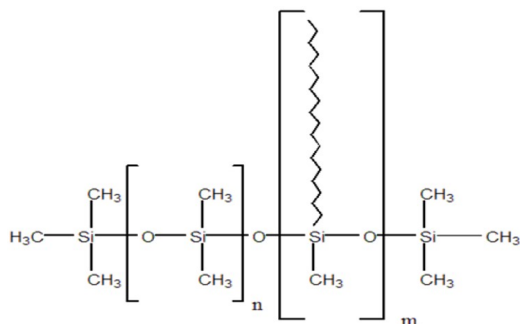
Key Applications

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

Application

BeauSil WAX 070 is a ideal ingredients for many types of skin care products, sun screens and colour cosmetics. A clear benefit beside the non-tacky and pleasant skin feeling is the high compatibility with organic ingredients and natural lipids. Additionally the BeauSil WAX 070 is a perfect wetting agent for pigments to create stable formulations. BeauSil WAX 070 can be used in leave-in products for hair care to improve softness and combing.

Structure of a silicone wax



Health & Safety

Safety Data Sheets on request available.

Packagin

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 pale yellowish liquid
Cetyl dimethicone

Non-ionic

Yes

Approx. 100

Yes

Brookfield 40 - 120 cP

Addition Rates

Dosage - 1

0.5 - 5.0% as emollient

Dosage - 2

1.0 - 10.0% as wetting agent for pigments

Dosage - 3

1.0 - 5.0% as additive in sun screen

Solubility

Solubility - Almond oil

Soluble

Solubility - Cetyl Dimethicone

Soluble

Solubility - Dimethicone 350cst

Miscible

Solubility - Ethanol

Insoluble

Solubility - Ethylhexylcarbonate

Soluble

Solubility - Glycerine

Miscible

Solubility - IPM

Soluble

Solubility - Isododecane

Soluble

Solubility - Paraffin Oil

Soluble

Solubility - Polysorbate-20

Miscible

Solubility - Propylenglycol

Miscible

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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