

BeauSil™ WAX 012 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

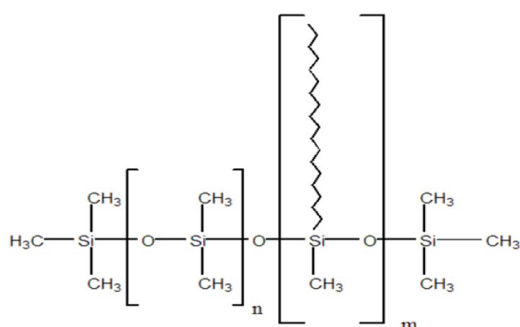
Key Applications

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

Application

BeauSil WAX 012 is a ideal ingredient 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. BeauSil WAX 012 can be used in leave-in products for hair care to improve softness and combing. BeauSil WAX 012 provides a silky skin feeling with an intense after feel and is ideal for all kind of men care products due of the easy distribution and intense after feel.

Structure of a silicone wax



Health & Safety

Safety Data Sheets on request available.

Packagin

Drums. Contact our sales department for more information.

Revision Date 16 Jun 2021
Revision No 7
Download Date 29 Nov 2021

Property

Product

Appearance
INCI Name
MIT Free
Melting point (°C)
Non-Volatile Content (%)
Ultralow cyclic content
Viscosity

Test Method

Value

Colourless to pale yellowish liquid
Lauryl dimethicone
Yes
>20
Approx. 100
Yes
Brookfield **60 - 140 cP**

Addition Rates

Dosage - 1
Dosage - 2
Dosage - 3

0.5 - 5.0% as emollient
1.0 - 10.0% as wetting agent for pigments
1.0 - 5.0% as additive in sun screen

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

Soluble
Soluble
Miscible
Insoluble
Soluble
Insoluble
Soluble
Soluble
Soluble
Miscible
Insoluble
Insoluble

Storage

Max Storage Temperature
Min Storage Temperature
Shelf Life

40 °C / 104 °F
4 °C / 39 °F
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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