

## BeauSil™ WAX 020 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

- Water repellency
- Emollient, Softness and Smoothness
- Reduces tackiness
- Improves Gloss and Skin feel

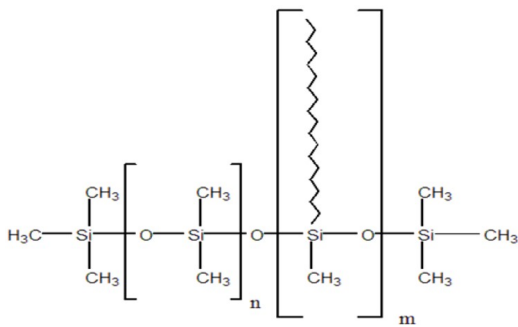
### Key Applications

- Hair Care
- Skin Care
- Color Cosmetic

### Application

BeauSil WAX 020 is a liquid silicone wax used in personal care applications like hair lotions, skin lotions and cosmetics.

### 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

Melting point (°C)

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

### Test Method

### Value

**Colourless to yellow liquid**

**Cetyl dimethicone**

**Non-ionic**

**Yes**

**Approx. 10**

**>85**

**Yes**

Brookfield **200 - 400 cP**

### Addition Rates

Dosage - 1

**0.3 - 5.0% as emulsifier**

Dosage - 2

**0.5 - 5.0% as conditioning agent**

### Solubility

Solubility - Almond oil

**Miscible**

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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