TECHNICAL DATA SHEET

CHT-BeauSil WAX 018
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

- Emollient, Softness and Smoothness, Reduces tackiness
- Water resistance
- Film forming
- Structure, texture and viscosity

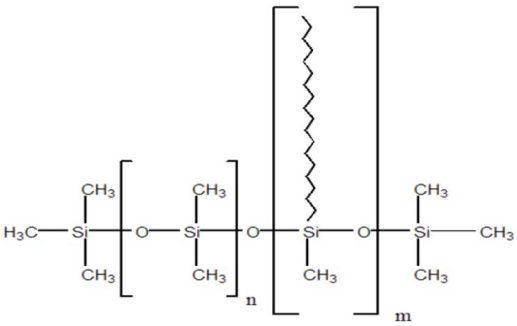
Key Applications

- Skin Care
- Color Cosmetic
- Sun Care

Application

CHT-BeauSil™ WAX 018 improves the water resistance, detackification, gloss, emolliency and works as filmformer. It provides a good spreadability, non-sticky feel and moisturising benefits when it melts on contact with the skin. CHT-BeauSil™ WAX 018 improves the skin adhesion of decorative cosmetics and pigment dispersions.

Structure of a silicone wax



Health & Safety

Safety Data Sheets on request available.

Packaging

Drums. Contact our sales department for more information.

Revision Date	21 Apr 2022
Revision No	6
Download Date	29 Apr 2024

Property	Test Method	Value
Product		
Appearance		**White to slightly yellow wax**
INCI Name		**Stearyl methicone**
Ionicity		**Non-ionic**
MIT Free		**Yes**
Melting point (°C)		**Approx. 45°C**
Non-Volatile Content (%)		**Approx. 100**
Ultralow cyclic content		**Yes**
Addition Rates		
Dosage - 1		**0.5 – 5.0% in decorative and skin care preparations**
Dosage - 2		**1.0 - 3.0% in sun care products**
Solubility		
Solubility - Almond oil		**Soluble**
Solubility - Cetyl Dimethicone		**Soluble**
Solubility - Dimethicone 350cst		**Miscible**
Solubility - Ethanol		**Insoluble**
Solubility - Ethylhexylcarbonate		**Soluble**
Solubility - Glycerine		**Insoluble**
Solubility - IPM		**Soluble**
Solubility - Isododecane		**Soluble**
Solubility - Paraffin Oil		**Soluble**
Solubility - Polysorbate-20		**Miscible**
Solubility - Propylenglycol		**Insoluble**
Solubility - Water		**Insoluble**
Storage		
Max Storage Temperature		**55 °C / 131 °F**
Min Storage Temperature		**4 °C / 39 °F**
Shelf Life		**48 mths**

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