TECHNICAL DATA SHEET



CHT-BeauSil™ WAX 046 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
- Enhances Spreading and Solubilizing of natural lipids
- Gives texture / structure

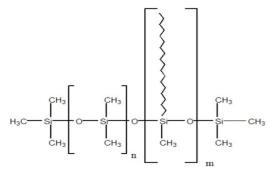
Key Applications

- Skin Care
- · Color Cosmetic
- Sun Care

Application

CHT-BeauSil™ WAX 046 improves smoothness, detackification, lubricity gloss, emolliency and water repellency. It provides higher spreadability, non sticky feel and moisturising benefits when melts on contact with skin. CHT-BeauSil™ WAX 046 works as a solubiliser for natural lipids in silicone fluids or it works like booster for natural lipids for an improved spreading and nongreasy feeling.

Structure of a silicone wax



Health & Safety

Safety Data Sheets on request available.

Packaging

Drums. Contact our sales department for more information.

Revision Date 30 Nov 2021

Revision No

Download Date 08 May 2024

Property Test Value Method

Product

Appearance Colourless to slightly yellow

wax

INCI Name

C20-24 alkyl dimethicione (and) Caprylyl methicone

lonicity

Non-ionic Yes

MIT Free Melting point (°C)

Approx. 30 Approx. 100

Miscible

Soluble

Insoluble

Insoluble

Soluble

Insoluble

Soluble

Soluble

Insoluble

Insoluble

Insoluble

Insoluble

Non-Volatile Content (%) Ultralow cyclic content

Yes

Addition Rates

texture and thickening agent

Dosage - 2
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

torogo

Max Storage Temperature Min Storage Temperature Shelf Life 40 °C / 104 °F 4 °C / 39 °F 24 mths

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