

CHT-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

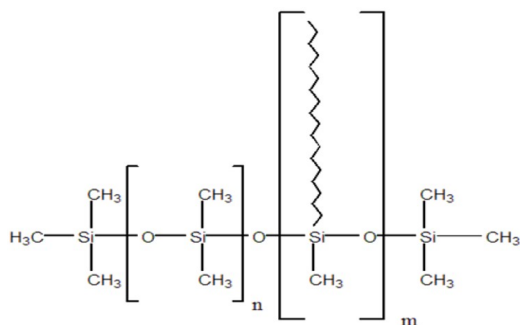
Key Applications

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

Application

CHT-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 CHT-BeauSil™ WAX 070 is a perfect wetting agent for pigments to create stable formulations. CHT-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.

Packaging

Drums. Contact our sales department for more information.

Revision Date 30 Nov 2021
Revision No 3
Download Date 18 May 2024

Property

Product

Appearance

INCI Name

Ionicity

MIT Free

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

Addition Rates

Dosage - 1

Dosage - 2

Dosage - 3

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

Storage

Max Storage Temperature

Min Storage Temperature

Shelf Life

Test

Method

Value

Colourless to pale yellowish
liquid

Cetyl dimethicone

Non-ionic

Yes

Approx. 100

Yes

Brookfield 40 – 120 cP

0.5 – 5.0% as emollient

1.0 – 10.0% as wetting agent
for pigments

1.0 – 5.0% as additive in sun
screen

Soluble

Soluble

Miscible

Insoluble

Soluble

Miscible

Soluble

Soluble

Soluble

Miscible

Miscible

Insoluble

40 °C / 104 °F

4 °C / 39 °F

24 mths

The content set out in the technical data sheet does not contain information upon which you should rely. It is provided for general information purposes only and does not constitute a product specification. You must obtain professional or specialist advice before taking any action based on the information provided in the technical data sheet.

CHT make reasonable efforts to ensure that information set out in the technical data sheet is complete, accurate, and up-to-date. CHT do not, however, make any representations, warranties or guarantees (whether express or implied) that information set out in the technical data sheet is complete, accurate, or up-to-date or that the product will be suitable for your requirements. You should carry out your own testing to determine the applicability of such information and whether the product will be suitable. CHT reserve the right to modify the technical data sheet at any time. 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.

CHT Germany GmbH: Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany

Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, Homepage: www.cht.com / www.cht-silicones.com