# **TECHNICAL DATA SHEET**



# CHT-BeauSil<sup>™</sup> WAX 069 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

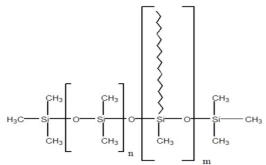
## **Key Applications**

- Skin Care
- Color Cosmetic
- Sun Care

## Application

CHT-BeauSil<sup>™</sup> WAX 069 improves the smoothness, detackification, lubricity gloss, emolliency and water repellency. It provides a higher spreadability, non-sticky feel and moisturising benefits when it melts on contact with the skin. CHT-BeauSil<sup>™</sup> WAX 069 improves the skin adhesion of decorative cosmetics and pigment dispersions. CHT-BeauSil<sup>™</sup> WAX 069 avoids the syneresis in pigmented products (lipstick).

#### 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	08 May 2024

## Property

#### Product

Appearance

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

#### **Addition Rates**

Dosage - 1

Dosage - 2

#### Solubility

Solubility - Almond oil Solubility - Cetyl Dimethicone Solubility - Dimethicone 350cst Solubility - Ethanol Solubility - Ethylhexylcarbonate Solubility - Glycerine Solubility - ISododecane Solubility - Isododecane Solubility - Paraffin Oil Solubility - Polysorbate-20 Solubility - Propylenglycol Solubility - Water

## Storage

Max Storage Temperature Min Storage Temperature Shelf Life Test Method

> Colorless to slightly yellow wax Stearyl dimethicone Non-ionic Yes Approx. 30 - 32 Approx. 100 Yes

0.5 – 5.0% in decorative and skin care preparations 1.0 - 3.0% in sun care products

Soluble Soluble Miscible Insoluble Soluble Soluble Soluble Miscible Insoluble Insoluble

40 °C / 104 °F 4 °C / 39 °F 24 mths

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

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.