

SiSiB® PC12508 Silicone Wax

INCI NAME

Behenoxy Dimethicone

INTRODUCTION

SiSiB® PC12508 is a silicone wax supplied as a waxy solid. It functions as an emollient and pigment dispersing aid in cosmetic formulations.

It provides a smooth, non-greasy skin feel and improves gloss and texture in finished products.

FEATURES & BENEFITS

- Provides smooth, non-greasy skin feel
- Improves gloss and appearance
- Improves pigment dispersion
- Suitable for wax-based formulations

PHYSICAL PROPERTIES

Appearance	Milk white to light yellow solid
Solid Content (120°C, 2h, %)	Min.95
Flash Point (°C)	Min.100
Average Melting Point (°C)	52.0-58.0

These values are typical and are not intended for use as specifications.

BENEFITS & APPLICATIONS

SiSiB® PC12508 is suitable for a wide range of cosmetic formulations where a smooth, silky texture and improved product appearance are required. It is commonly used in color cosmetics such as foundations and lip products, where it helps improve spreadability, gloss, and overall application performance.

In hair care formulations, including conditioners, pomades, and styling products, it contributes to improved softness, manageability, and shine. It also helps enhance product consistency and application properties.

In skin care applications, it provides a soft and comfortable skin feel and supports moisturization performance. It can also be used in sun care formulations, as well as in antiperspirant and deodorant products.

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USAGE GUIDELINES

SiSiB® PC12508 should be melted before use and incorporated into the formulation under mixing.

It is typically added to the oil or wax phase in formulations and processed using standard methods.

It is recommended to conduct a preliminary test to determine the optimal dosage.

PACKING

SiSiB® PC12508 is supplied in 20Kg plastic pail.

HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

STORAGE

In the original unopened packaging, SiSiB® PC12508 has a shelf life of 24 months at least in a dry and cool place at room temperature.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

NOTE

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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