

SiSiB® PC12507 Silicone Wax

INCI NAME

Stearyl Dimethicone

INTRODUCTION

SiSiB® PC12507 is a stearyl-modified silicone polymer supplied as a low melting point silicone wax. It provides a smooth, non-greasy skin feel together with good emolliency and gloss enhancement.

SiSiB® PC12507 helps improve moisturization and contributes to a breathable protective film on the skin. It is widely used in color cosmetics, stick products, and sun care formulations to improve texture, spreadability, and sensory performance.

EFFECTS

- Smooth and non-greasy skin feel
- Good emolliency and moisturization
- Enhances gloss
- Improves spreadability of stick formulations
- Contributes to viscosity build
- Good skin affinity
- Helps improve wash-off resistance
- Compatible with a wide range of cosmetic oils and waxes

PHYSICAL PROPERTIES

Appearance	Waxy solid
Color	Milky white
Solid Content (120°C, 2h)	Min.96.0
Melting Point (°C)	38-42

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

APPLICATIONS

SiSiB® PC12507 is suitable for a wide range of personal care and color cosmetic formulations, especially products requiring improved glide, skin feel, and gloss. Typical applications include BB creams, foundations, lip products, stick formulations, and sunscreen products.

SiSiB® PC12507 may also be used in skin care formulations to improve emolliency, reduce tackiness, and enhance sensory performance.

USAGE GUIDELINES

SiSiB® PC12507 is suitable for anhydrous formulations and may also be

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used in emulsion systems by incorporation into the oil phase.

For best processing performance, SiSiB® PC12507 should be heated together with other oil-phase ingredients until completely melted and uniformly blended. It shows good compatibility with many silicone fluids, esters, hydrocarbons, vegetable oils, and cosmetic waxes

PACKING

SiSiB® PC12507 is available in 20Kg 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

SiSiB® PC12507 has a shelf life of 24 months from the date of manufacture when stored in its original, unopened containers at or below 25°C. After opening, containers should be tightly sealed to prevent contamination and moisture from entering the product.

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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