

SiSiB® PC13202 Functional Silicones

INCI NAME Coconut oil (and) Isohexadecane (and) Isododecane (and) Dimethiconol

INTRODUCTION SiSiB® PC13202 is a blend of 25% ultra-high viscosity silicone elastomer dispersed in a mixture of coconut oil, isohexadecane, and isododecane. It imparts a silky, soft feel to the skin and hair.

SiSiB® PC13202 is free of cyclic siloxanes, offering a safe, non-irritating solution for personal care formulations.

SiSiB® PC13202 forms a flexible, breathable film that enhances durability, color retention, and wash-off resistance in cosmetic products.

- ADVANTAGES**
- Free of cyclic siloxanes (D4, D5, D6)
 - Safe and non-irritating
 - Excellent compatibility with mineral oils and hydrocarbons
 - Provides long-lasting silky smooth feel
 - Forms a flexible, breathable film
 - Improves wash-off resistance and color retention
 - Enhances softness and repairs hair, especially split ends

PHYSICAL PROPERTIES

Appearance	Colorless clear viscous liquid
Silicone content (%)	25
Solid content (%)	22-28
Viscosity (25°C, cP)	25,000-50,000
Refractive index (25°C)	1.4170-1.4270
Flash point (°C)	Min.120

BENEFITS & APPLICATIONS

SiSiB® PC13202 is widely used in various personal care formulations, including:

- Hair care products (serums, conditioners, treatments)
- Skin care products (lotions, creams, serums)
- Color cosmetics (foundations, lip products)
- Sun care products
- Antiperspirants and deodorants

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USAGE GUIDE

SiSiB® PC13202 can be added directly into the oil phase of emulsions. If the oil phase temperature exceeds 70°C, it is recommended to incorporate the product below 60°C using high-shear mixing to ensure uniform dispersion.

In anhydrous formulation, cosmetic ingredients should be blended into SiSiB® PC13202, as the high molecular weight of dimethiconol may affect compatibility with certain ingredients. Proper mixing will help achieve a homogeneous formulation and maximize product performance.

PACKING

SiSiB® PC13202 is supplied in 25Kg Pail or 160Kg Drum.

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

When stored at temperatures below 38°C in the original unopened containers, SiSiB® PC13202 has a shelf life of 36 months from the date of production.

With lower flash point, it is flammable. Pay attention to fire prevention at storage, transport and use, also for damp-proof, prevent to be polluted by acid and alkali substances. Once opened, the container should be tightly sealed after each use.

LIMITATIONS

SiSiB® PC13202 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.

We specifically disclaim any other express or implied warranty of fitness for

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a particular purpose or merchantability.

We disclaim liability for any incidental or consequential damages.