

SiSiB® PC16313 Silicone Elastomer Powder

INCI NAME Dimethicone Crosspolymer

INTRODUCTION SiSiB® PC16313 is a white elastomer powder composed of crosslinked polydimethylsiloxane polymer. It provides a long-lasting, silky-smooth and a non-greasy skin feel.

ADVANTAGES

- Excellent oil and sebum absorption.
- Compatible with various cosmetic oils.
- Quick absorption and cold processing.
- Reduces tackiness, provides lasting, non-greasy, and silky skin feel.
- Provides silky, powdery, non-greasy skin feel
- Enhances viscosity or rheology of silicones, oils, and water-in-oil / silicone emulsions.
- D4, D5, D6 <0.1%.

PHYSICAL PROPERTIES

Appearance	White Powder
Active Content	100%
Bulk Density (g/cm ³)	0.1-0.3

BENEFITS & APPLICATIONS

SiSiB® PC16313 can be used in:

Skincare and sun care products – to improve glide, reduce greasiness, and enhance wear

Color cosmetics – foundations, loose/pressed powders, lipsticks, blushes

Antiperspirants and deodorants – to deliver a smooth and dry skin feel

Hair care and styling products – as a texture enhancer and oil absorber

Oil/silicone-based systems and W/O emulsions – as a thickening and soft-focus agent

USAGE GUIDELINES

- The recommended usage level is 1-20%.
- Pre-disperse in low-viscosity silicone oil (e.g., 3-5 cSt dimethicone) before adding to formulation.
- For emulsions, incorporate into the oil phase using high-shear mixing or a homogenizer.
- Can also be post-added if uniform dispersion is ensured.
- Cold processing is suitable; heating not required.

SiSiB[®] PC16313 Silicone Elastomer Powder

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

PACKING

SiSiB[®] PC16313 is available in 10Kg paper 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 between 10°C and 35°C in the original unopened containers, SiSiB[®] PC16313 has a shelf life of 24 months from the date of production.

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.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability.

We disclaim liability for any incidental or consequential damages.