

SiSiB® PC16002 Silicone Elastomer Powder

INCI NAME

Vinyl Dimethicone / Methicone Silsesquioxane Crosspolymer

INTRODUCTION

SiSiB® PC16002 is a copolymer of methiconesilsesquioxane crosslinked with vinyl dimethylpolysiloxane, offering exceptional soft focus, oil control, and skin-smoothing properties. With its fine spherical particle structure and high oil absorption capacity, it delivers a powdery, velvety skin feel and reduces the appearance of fine lines and pores.

ADVANTAGES

- Fine spherical powder with soft, velvety touch
- Excellent oil absorption and mattifying effect
- Helps blur fine lines and wrinkles (soft focus effect)
- Enhances spreadability and sensory performance
- Non-occlusive and non-comedogenic
- Compatible with oils, esters, and water (with emulsifiers)
- Ideal for use in long-lasting or transfer-resistant makeup

PHYSICAL PROPERTIES

Appearance	White Powder
Average particle size (µm)	3.5
Non-volatile Content, 105°C,3h	Min.98.0%

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

APPLICATIONS

SiSiB® PC16002 is suitable for various personal care formulations, particularly in matte-finish makeup, skin care, sunscreen, and hair care systems. It is compatible with both oil and water systems (when emulsified) and can be incorporated easily into cold or hot processes.

Color Cosmetics: matte lipsticks, foundations, loose and pressed powders, BB/CC creams

Skin Care: oil control creams, pore minimizers, primers

Sun Care: mattifying SPF emulsions, tinted sunscreens

Hair Care: powder-based dry shampoos or scalp mattifiers

USAGE GUIDELINES

Application	Recommended Dosage
Hair care	0.5-5%

SiSiB® PC16002 Silicone Elastomer Powder

Skincare, sunscreen	0.5-10%
Make-up	1-15%

- Disperse directly into the oil phase or blend with pigments as part of a color paste.
- For water-based formulations, use appropriate emulsifiers or combine with water-dispersible silicones.
- Cold or hot processing compatible.

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

PACKING

SiSiB® PC16002 is available in 20Kg pails or custom packaging upon request.

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® PC16002 has a shelf life of 36 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.

SiSiB[®] PC16002 Silicone Elastomer Powder

We disclaim liability for any incidental or consequential damages.