

SiSiB® PC16219 Water-Dispersible Silicone Elastomer Gel

INCI NAME Cyclopentasiloxane (and) PEG-10 Dimethicone Crosspolymer

INTRODUCTION SiSiB® PC16219 is a PEG-modified silicone elastomer dispersed in cyclopentasiloxane. It is a translucent to milky-white gel with excellent hydrophilicity and cold-process compatibility. The product can be dispersed in both oil and water phases, providing exceptional spreadability, powdery-smooth texture, and soft-focus effects. It enhances the sensory profile of personal care formulations without thickening the formulation.

- ADVANTAGES**
- Water-dispersible and cold-process compatible
 - PEG-modified structure for improved hydrophilicity
 - Delivers a silky, powdery-smooth skin feel
 - Provides soft-focus and blurring effects without greasiness
 - Enhances spreadability without increasing system viscosity
 - Suitable for both water-based and anhydrous formulations

PHYSICAL PROPERTIES

Appearance	Translucent or milky white gel
Viscosity (25°C, mPa·s)	>1,000,000
Non-volatile Content, 105°C ,3h	20.0-24.0%

These values are typical and not intended for specification purposes.

BENEFITS & APPLICATIONS

SiSiB® PC16219 is ideal for:

- Skincare creams and lotions
- Color cosmetics such as foundations and primers
- Hair care and rinse-off products
- Sunscreens and other high-coverage formulations

RECOMMENDED DOSAGE

Skincare	2-40%
Color cosmetics	1-10%
Hair and cleansing products	2-5%

USAGE GUIDELINES

Disperse in the aqueous phase at a recommended water-to-product ratio of 1:10 under gentle stirring. Alternatively, it can be added directly to the oil phase. Compatible with both water-based and anhydrous systems.

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PACKING

SiSiB® PC16219 is available in 20Kg pails.

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 room temperature in the original unopened containers, SiSiB® PC16219 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.

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