

SiSiB® PC16519 Silicone Elastomer Blend

INCI NAME

Cyclopentasiloxane (and) Dimethicone (and)
Dimethicone / Vinyl Dimethicone Crosspolymer

INTRODUCTION

SiSiB® PC16519 is a high molecular weight silicone elastomer blend dispersed in cyclopentasiloxane (D5) and low viscosity dimethicone. It provides silky smoothness together with a light, non-greasy skin feel.

SiSiB® PC16519 offers high thickening efficiency and contributes to a matte skin finish while improving spreadability and sensory performance in cosmetic formulations.

BENEFITS

- High thickening efficiency
- Silky smooth skin feel
- Light and non-greasy feel
- Contributes to a matte finish
- Improves spreadability
- Odourless

PHYSICAL PROPERTIES

Appearance	Colorless clear gel
Viscosity (mPa·s)	300,000-800,000
Gel Content (%)	12-15
Density, 25°C	0.96

Note: These values are typical and are not intended for use as specifications

APPLICATIONS

SiSiB® PC16519 is suitable for cosmetic formulations requiring enhanced sensory properties, viscosity build, and a smooth matte finish. Typical applications include make-up bases, liquid foundations, light creams, anti-wrinkle creams, concealers, eye creams, essence lotions, blushers, and body lotions.

SiSiB® PC16519 may be used in oil-in-water emulsions, water-in-oil emulsions, and anhydrous formulations.

USAGE GUIDELINES

SiSiB® PC16519 may be formulated into oil-in-water emulsions, water-in-oil emulsions, and anhydrous formulations. It may be added to the oil phase or

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silicone phase in emulsion systems.

Viscosity may be adjusted by blending with dimethicone or cyclomethicone. SiSiB® PC16519 is dispersible in a variety of liquid oils and may be processed using high shear equipment when required.

When heat is applied, short heating periods are recommended. Processing in a closed vessel is recommended to minimize volatilization of cyclopentasiloxane.

RECOMMENDED DOSAGE

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

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

Stored at or below 50°C in original unopened containers, SiSiB® PC16519 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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