

SiSiB® PC19817 Functional Silicones

INCI NAME

Phenyl Trimethicone

INTRODUCTION

SiSiB® PC19817 is a phenyl-modified polymethylphenylsiloxane, which has excellent compatibility with alcohol solvents.

SiSiB® PC19817 can be used as a water-resistant additive to reduce the greasy feel, such as skincare lotions and creams, sunscreen products, and shaving creams (lotions). It is also used as a shine and UV protection ingredient in hair care products.

ADVANTAGES

- UV protection
- Antioxidant propertiesVelvety soft and smooth feel
- Good compatibility, soluble in most organic solvents
- Water resistance
- Easy to emulsify
- Non-volatile, with good air permeability
- Excellent emollient, providing lubrication, softness, and a non-greasy skin feel
- Enhances the product's and skin's shine

PHYSICAL PROPERTIES

Appearance	Colorless to yellowish transparent liquid
Viscosity (cSt, 25°C)	18~27
Specific gravity (25°C, g/cm ³)	0.970-1.000
Refractive index (25°C)	1.456~1.465

BENEFITS & APPLICATIONS

SiSiB® PC19817 can be emulsified with common emulsifiers and methods. It is miscible with ethanol (95%), isopropanol (99%), octadecanol and mineral oil.

SiSiB® PC19817 has good compatibility with lanolin, paraffin oil, paraffin, beeswax, and isopropyl myristate.

RECOMMENDED DOSAGE

Recommended Usage Level: 0.5~5.0%

PACKING

SiSiB® PC19817 is supplied in 25Kg and 200Kg drum.

HANDLING

This document does not contain the product safety information required for

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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

In the original unopened packaging, SiSiB® PC19817 has a shelf life of 24 months in a dry and cool place at room temperature.

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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