

# SiSiB® PC19825 Functional Silicones

### **INCI NAME**

# Diphenylsiloxy Phenyl Trimethicone

## **CHEMICAL STRUCTURE**

$$\begin{array}{c|c} CH_3 \\ H_3C \\ \hline \\ CH_3 \\ CH_3 \\ \hline \\ CH_3 \\ CH_3 \\ \hline CH_3 \\ \hline \\ CH_3 \\ \hline \\ CH_3 \\ \hline \\ CH_3 \\ CH_3 \\ \hline \\ CH_3 \\ C$$

#### **INTRODUCTION**

SiSiB® PC19825 is a clear transparent, odorless methylphenyl silicone fluid, which has unique asymmetric structure of three Phenyl groups. With excellent solubility for organic esters and silicone fluids, it may increase the dispersion of sunscreen and grease, and improve the sun protection factor.

## **ADVANTAGES**

- High refractive index and burnish feels better
- Good compatibility with various oils and fats and emulsifier
- Be soluble in Octyl p-methoxycinnamate
- Resistant to oxidation

# **PHYSICAL PROPERTIES**

Appearance	Colorless transparent liquid
Refractive index (25°C)	1.490-1.500
Density (25°C, g/cm3)	0.995
Viscosity (cP, 25°C)	10-20
D4(%)	<0.1%
D5(%)	<0.1%
D6(%)	<0.1%

### **BENEFITS & APPLICATIONS**

SiSiB® PC19825 can be used in foundation, make-up and skincare products; hair care products; Sunscreen.



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

dosage.

**RECOMMENDED DOSAGE** Recommended Usage Level: 0.5-5.0%

PACKING SiSiB® PC19825 is available in 200Kg 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® PC19825 has a shelf life of 30 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.