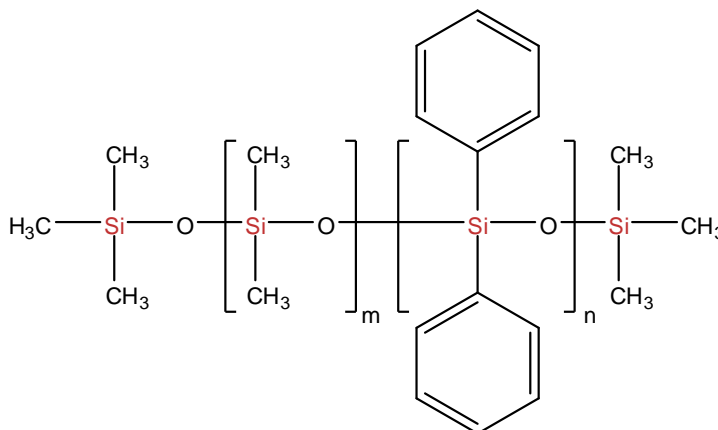


SiSiB® PC19824 Diphenyl Dimethicone

INCI NAME

Diphenyl Dimethicone (CAS Number: 68083-14-7)

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB® PC19824 is a high-performance phenyl-modified silicone fluid featuring a linear siloxane backbone with diphenyl substitution. With a high refractive index and excellent compatibility with organic and silicone-based ingredients, it provides exceptional shine, luxurious sensorial feel, and thermal stability. It is a non-volatile, non-greasy emollient that enhances gloss and spreadability in personal care formulations.

ADVANTAGES

- High refractive index for unique gloss and shine
- Non-volatile, non-oily, smooth feel
- Compatible with silicone and organic phases
- Excellent thermal and UV stability
- Enhances texture and sensory appeal in color cosmetics and hair care
- Non-oily emolliency and anti-whitening properties in antiperspirants
- Acts as a water-resistant emollient barrier in skin care

PHYSICAL PROPERTIES

Appearance	Colorless transparent fluid
Refractive index (25°C)	1.4950-1.5050
Density (25°C, g/cm ³)	1.01
Viscosity (25°C, cSt)	15.0-25.0

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

SiSiB[®] PC19824 Diphenyl Dimethicone

BENEFITS & APPLICATIONS

SiSiB[®] PC19824 is widely used in a variety of personal care formulations including:

- **Color cosmetics:** lip glosses, foundations, highlighters
- **Hair care:** serums, shine sprays, leave-on treatments
- **Skin care:** lotions, creams, sunscreens
- **Antiperspirants:** non-whitening, smooth-feel enhancement
- **SPF products:** as gloss-enhancing, water-resistant emollient

RECOMMENDED DOSAGE

The recommended usage level of this product is 0.5-5.0%. It is recommended to conduct a preliminary test to determine the optimal dosage.

PACKING

SiSiB[®] PC19824 is supplied in 200Kg steel 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

In the original unopened packaging, SiSiB[®] PC19824 has a shelf life of two years in a dry and cool place at room temperature below 35°C.

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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