

SiSiB® PC16350 Silicone Elastomer Blend

INCI NAME

Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer

INTRODUCTION

SiSiB® PC16350 is a silicone elastomer gel dispersed in low viscosity dimethicone. It improves spreadability and helps reduce tackiness while providing a soft and silky skin feel. It can be used as a sensory enhancer and thickening agent in a wide range of personal care formulations.

ADVANTAGES

- Improves spreadability
- Soft and silky skin feel
- Helps reduce tackiness
- Smooths skin appearance
- Matte finish effect
- Suitable for sensory modification and thickening

PHYSICAL PROPERTIES

Appearance	Colorless clear gel
Viscosity (25°C, mPa·s)	260,000-460,000
Density, 25°C	0.96

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

BENEFITS & APPLICATIONS

SiSiB® PC16350 is suitable for personal care formulations requiring improved sensory properties, spreadability, and a smooth after-feel. Typical applications include make-up bases, foundations, concealers, cream blushes, cream eyeshadows, moisturizers, and anti-aging products.

It may also be used in skin care, sun care, and hair care formulations where a soft, silky, and non-tacky feel is desired.

USAGE GUIDELINES

SiSiB® PC16350 can be incorporated using standard mixing procedures and may be added to the oil phase or silicone phase in emulsion systems.

Viscosity may be adjusted by blending with dimethicone or other compatible silicone fluids. SiSiB® PC16350 shows good compatibility with many silicone fluids, hydrocarbons, esters, and cosmetic oils.

When heat is required, short heating periods are recommended.

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RECOMMENDED DOSAGE

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

PACKING

SiSiB® PC16350 is available in 18Kg pails or 180Kg drums.

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® PC16350 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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