

SiSiB® PC16351 Silicone Elastomer Blend

INCI NAME

Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer

INTRODUCTION

SiSiB® PC16351 is a silicone elastomer gel dispersed in low viscosity dimethicone. It provides a dry, smooth after-feel together with a soft focus effect and helps improve the sensory profile of cosmetic formulations.

It can be used as a sensory modifier and thickening agent in a variety of personal care formulations. It is suitable for make-up, skin care, and other formulations requiring a smooth and matte finish.

ADVANTAGES

- Dry and smooth skin feel
- High transparency
- Soft focus effect
- Contributes to a matte finish
- Helps improve the appearance of fine lines
- Suitable for sensory modification and thickening

PHYSICAL PROPERTIES

Appearance	Colorless clear gel
Viscosity (25°C, mPa·s)	700,000-1,400,000
Gel Content (%)	15-19
Density	0.96

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

APPLICATIONS

SiSiB® PC16351 is suitable for formulations requiring soft focus, smooth skin feel, and a matte finish. Typical applications include soft focus primers, high coverage foundations, matte lip glosses, light facial creams, and eye creams.

It may also be used in make-up and skin care formulations where improved sensory properties and optical blurring effects are desired.

USAGE GUIDELINES

SiSiB® PC16351 may be formulated into oil-in-water emulsions, water-in-oil emulsions, and anhydrous formulations. It may be added to the oil phase or silicone phase in emulsion systems.

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Viscosity may be adjusted by blending with dimethicone or cyclomethicone. SiSiB® PC16351 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 loss of volatile components.

RECOMMENDED DOSAGE

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

PACKING

SiSiB® PC16351 is available in 18Kg pail 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® PC16351 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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