

## SiSiB® PC16267 Silicone Elastomer Gel

**INCI NAME** Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer

**INTRODUCTION** SiSiB® PC16267 is a mixture of high molecular weight silicone elastomer in cyclomethicone. It can be dispersed in oil phase excellently as it is a clear to slightly translucent gel.  
SiSiB® PC16267 can be used into w/o emulsions, water-in-silicone oil, and o/w emulsions and anhydrous products to provide dry smoothness, light silky and non-greasy skin feel.

- ADVANTAGES**
- Clear to slightly translucent crosslinked silicone elastomer gel
  - Suitable for many personal care formulations
  - Acts as a thickening agent for w/o and w/silicone oil formulations, cyclomethicones and other silicone fluids
  - Provides dry smoothness, light silky and non-greasy skin feel
  - Enhances the aesthetics of cyclomethicones
  - Reduces tackiness of formulations
  - Quick absorption
  - Cold processing
  - Slight sebum absorption

**PHYSICAL PROPERTIES**

Appearance	Colorless to yellowish, transparent to translucent gel
Non-volatile content (% , w/w)	13-15
Viscosity(cP,25°C)	150,000-450,000

**BENEFITS & APPLICATIONS**

SiSiB® PC16267 can be used in skin care, hair care, and other potential formulations, such as sun care, color cosmetics, and styling aid, etc.

How to use:

This product could be dispersed into the oil-phase using simple mixing.

SiSiB®PC16267 can be added to the oil phase or silicone phase in an emulsion formulation.

SiSiB® PC16267 can be post-added to emulsions provided the emulsion is viscous enough for the products to be dispersed.

For ease of use, blending with dimethicone, cyclomethicone, phenylmethicone, fatty acid ester or hydrocarbon may reduce the viscosity.

SiSiB® PC16267 should be processed in an enclosed vessel to prevent the

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volatility when heated, and the processing temperature should not be over 60°C.

### Recommend Dosage

The recommended usage level is 1-20%.

### PACKING

SiSiB® PC16267 is supplied in 20Kg plastic pails or 200Kg steel 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

In the original unopened packaging, SiSiB® PC16267 has a shelf life of two years in a dry and cool place.

### 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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