

## SiSiB® PC16276 Silicone Elastomer Gel

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

**INTRODUCTION** SiSiB® PC16276 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® PC16276 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
  - 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	Transparent to translucent gel
Non-volatile content (% , w/w)	Min.12.0
Viscosity(cP,25°C)	150,000-500,000

**BENEFITS & APPLICATIONS**

SiSiB® PC16276 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:

SiSiB® PC16276 can be dispersed into the oil phase with simple mixing.

SiSiB® PC16276 can be added to the oil phase or the silicone phase of the emulsion formulation.

SiSiB® PC16276 can be post-added to the emulsion, provided that the viscosity of the emulsion is sufficient to disperse the product.

For ease of use, mixing with dimethicone, cyclomethicone, phenylmethicone, fatty acid esters or hydrocarbons may reduce the viscosity of this product.

SiSiB® PC16276 materials should be processed in closed containers to prevent volatilization when heated, and the processing temperature should

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not exceed 60°C.

### Recommend Dosage

The recommended usage level is 1-20%.

### PACKING

SiSiB® PC16276 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® PC16276 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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