

## SiSiB® PC16262 Silicone Elastomer Gel

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

**INTRODUCTION** SiSiB® PC16262 is a transparent to translucent gel consisting of a high molecular weight silicone elastomer mixed with cyclomethicone. It can be formulated into W/O emulsions, water-in-silicone oil, and O/W emulsions and anhydrous products to provide dry smoothness and a light silky skin, non-greasy feel.

- ADVANTAGES**
- Enhances the aesthetics of cyclomethicones
  - Dry smoothness and a light silky skin feel, non-greasy
  - Slight sebum absorbing
  - Cold processing
  - Quick absorption
  - Reduce the stickiness properties of the formula

**PHYSICAL PROPERTIES**

Appearance	Colorless to slightly translucence gel
Non-volatile content	9.0-14.0% (wt %)
Viscosity	300,000-800,000 (25°C, cP)

**BENEFITS & APPLICATIONS**

SiSiB® PC16262 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® PC16262 could be dispersed into the oil-phase using simple mixing.

SiSiB® PC16262 can be added to the oil phase or silicone phase in an emulsion formulation.

SiSiB® PC16262 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 or cyclomethicone may reduce this product's viscosity.

SiSiB® PC16262 should be processed in an enclosed vessel to prevent the

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cyclopentasiloxane from volatilizing when heat is used.

The recommended processing temperature is not over 60°C.

### RECOMMENDED DOSAGE

The common usage level is 1-20%.

### PACKING

SiSiB® PC16262 is available in 18Kg plastic drum or 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® PC16262 has a shelf life of 24 month at room temperature. The storage temperature could not be over 60°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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