

## SiSiB® PC16255 Silicone Elastomer Gel

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

**INTRODUCTION** SiSiB® PC16255 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, and W/SI emulsions and anhydrous products to provide dry smoothness and silky skin, non-greasy feel, thickening effect.

- ADVANTAGES**
- Provide dry smooth, silky, non-greasy
  - Hydrophobic
  - Efficient Thickener
  - Cold processing
  - Reduce the stickiness properties of the formula

**PHYSICAL PROPERTIES**

Appearance	Transparent to translucent gel
Non-volatile content	13-17 (wt %)
Viscosity (25°C)	1,500,000-5,000,000 cP

**BENEFITS & APPLICATIONS**

SiSiB® PC16255 can be utilized in a variety of personal care products, including hair care formulations, antiperspirants, deodorants, skin creams and lotions, sunscreen products, and cosmetics.

SiSiB® PC16255 could be dispersed with low viscosity silicone oil and then add into the oil-phase.

SiSiB® PC16255 can be added to the oil phase or silicone phase in an emulsion formulation.

SiSiB® PC16255 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® PC16255 should be processed in an enclosed vessel to prevent the cyclopentasiloxane from volatilizing when heat is used.

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### RECOMMENDED DOSAGE

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

### PACKING

SiSiB® PC16255 is supplied in 20Kg plastic drum, or 150Kg 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® PC16255 has a shelf life of 24 months 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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