

## SiSiB® PC16266 Silicone Elastomer Gel

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

**INTRODUCTION** SiSiB® PC16266 is a kind of silicone resin elastomer gel which is non-emulsified siloxane reticulate copolymer, containing non-volatile low-viscosity polydimethylsiloxane. In addition, this product provides comfortable and smooth feel and can be used as the thickening agent in the formulation.

- ADVANTAGES**
- Translucent silicone elastomer gel
  - Slight sebum absorption
  - Silky smooth and non-greasy skin feel
  - Can be the thickening agent in W/O or W/Si system
  - Improve long-lasting effect for cosmetic products
  - Excellent film forming ability

**PHYSICAL PROPERTIES**

Appearance	Translucent gel
Non-volatile content	15~25 (% , w/w)
Viscosity (cSt, 25°C)	150000~500000

**BENEFITS & APPLICATIONS**

SiSiB® PC16266 can be used in skin care, hair care and sunscreen products.

How to use:

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

SiSiB® PC16266 can be added to the oil phase or silicone phase in an emulsion formulation.

SiSiB® PC16266 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 this product's viscosity.

The material of SiSiB® PC16266 should be processed in an enclosed

## SiSiB® PC16266 Silicone Elastomer Gel

vessel to prevent the volatility when heat is used.

SiSiB® PC16266 would become very thick or even lumpy after a period of time. This is normal and it will recovery to original state after slightly agitate.

### RECOMMENDED DOSAGE

The recommended usage level is 1-20%.

### PACKING

SiSiB® PC16266 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® PC16266 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.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability.

We disclaim liability for any incidental or consequential damages.