

SiSiB® PC16346 Elastomer Blend

INCI NAME Cyclopentasiloxane (and) Dimethicone/Vinyldimethicone Crosspolymer (and) Bis-PEG-12 Dimethicone (and) Lauryl PEG-9 Polydimethicone

INTRODUCTION SiSiB® PC16346 is a mixture of high molecular weight Dimethicone/Vinyldimethicone Crosspolymer with Cyclopentasiloxane, Bis-PEG-12 Dimethicone, Lauryl PEG-9 Polydimethicone which is a white gel having self-emulsifying effect due to hydrophilic modified part, which allow it to be formulated into W/O emulsions, W/Si emulsions, and O/W emulsions, to provide dry smoothness and a light silky skin, non-greasy feel when applied in eye cream, essence, etc.

- ADVANTAGES**
- Easy to be dispersed in water phase;
 - Self-emulsifying effect, low-temperature processing;
 - Acts as a thickening agent for W/O and W/Si formulations;
 - Provides dry smoothness and a light silky skin feel.

PHYSICAL PROPERTIES

Appearance	Transparent gel
Non-volatile content	13~17 (% , w/w)
Viscosity (S94, 2.5RPM, 25°C)	150,000~350,000cSt

BENEFITS & APPLICATIONS

SiSiB® PC16346 can be used in various kinds of personal care products such as facial mask, water cream and essence.

How to use:

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

SiSiB® PC16346 can be added to the oil phase or silicone phase in an emulsion formulation.

SiSiB® PC16346 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.

The material of SiSiB® PC16346 should be processed in an enclosed

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vessel to prevent the cyclopentasiloxane from volatilizing when heat is used.

The recommended processing temperature is not over 60°C.

SiSiB® PC16346 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® PC16346 is available in 20Kg 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® PC16346 has a shelf life of two years in a dry and cool place. 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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