

SiSiB® PC16328 Silicone Elastomer Blend

INCI NAME Cyclopentasiloxane (and) Dimethicone / Vinyl Dimethicone Crosspolymer

INTRODUCTION SiSiB® PC16328 is a mixture of high molecular weight silicone elastomer in cyclomethicone, which could be dispersed in oil phase excellently since a clear to slightly translucent gel.

This product may 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**
- Clear to slightly translucent crosslinked silicone elastomer gel
 - Suitable for many personal care formulations
 - Acts as a thickening agent for w/o and w/silicone oil formulations, cyclomethicones and other silicone fluids
 - Slight sebum absorption
 - Provides dry smoothness and a light silky skin feel, non-greasy
 - Enhances the aesthetics of cyclomethicones
 - Reduces tackiness of formulations
 - Quick absorption
 - Cold processing
 - Compatible with organic ingredients

PHYSICAL PROPERTIES

Appearance	Colorless to slight yellow translucent gel
Non-volatile content (% , w/w)	14~16
Viscosity (S94, 2.5RPM, 25°C)	400,000~800,000 cP

BENEFITS & APPLICATIONS

SiSiB® PC16328 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:

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

SiSiB® PC16328 can be added to the oil phase or silicone phase in an emulsion formulation.

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SiSiB® PC16328 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® PC16328 should be processed in an enclosed vessel to prevent the cyclopentasiloxane from volatilizing when heat is used.

The recommended processing temperature is not over 60°C.

SiSiB® PC16328 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® PC16328 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® PC16328 has a shelf life of two years in a dry and cool place. The storage temperature range is 10°C (50°F) to 40°C (104°F).

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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