

SiSiB[®] PC16261 Silicone Elastomer Blend

INCI NAME Cyclopentasiloxane (and) Dimethicone Crosspolymer

INTRODUCTION SiSiB[®] PC16261 is a blend of cyclopentasiloxane and high molecular weight silicone elastomers dimethicone crosspolymer.

SiSiB[®] PC16261 can be used in cold process and easy to formulate.

ADVANTAGES

- Non-greasy
- Fast absorption
- Good stability and safety
- Easy to formulate and can be used in cold process
- Reduce stickiness of formulations, provide dry smooth and silky skin feeling
- Compatible with various of lipophilic active ingredients such as fragrances, sunscreens, vitamins, and vitamin derivatives

PHYSICAL PROPERTIES

Appearance	Clear to slightly translucent gel
Specific gravity (25°C)	0.935-0.965
Non-volatile content (% , 150°C, 3h)	11.00-13.00
Viscosity (mPa.s, 25°C)	350,000-550,000
D4 content (%)	<1.00

BENEFITS & APPLICATIONS

SiSiB[®] PC16261 can be used in skin care, hair care, sunscreen products antiperspirants and deodorants other potential formulations.

How to use:

SiSiB[®] PC16261 can be added to the oil-phase or silicone phase in an emulsion formulation.

SiSiB[®] PC16261 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[®] PC16261 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 0.5%-95%.

PACKING

SiSiB® PC16261 is available in 18Kg plastic drum or 165Kg 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® PC16261 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.

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