

SiSiB® PC16522 Silicone Elastomer Blend

INCI NAME Cyclopentasiloxane (and) Dimethicone / Vinyl Dimethicone Crosspolymer

INTRODUCTION SiSiB® PC16522 is a mixture of high molecular weight silicone elastomers (dimethicone crosspolymer) in cyclopentasiloxane.

SiSiB® PC16522 is easy to formulate and can be applied in cold process, It can reduce tackiness of formulations and provide dry, smooth and silky skin feel. Also, it can thicken grease in formulation.

- ADVANTAGES**
- Thickening capability
 - Quick absorption
 - Compatible with varieties of lipophilic active ingredients such as fragrances, sunscreens, vitamins, and vitamin derivatives
 - Reduce tackiness of formulations, provide dry smooth and silky skin feel
 - Easy to formulate and can be cold processing
 - Stable and safe

PHYSICAL PROPERTIES

Appearance	Transparent to translucent paste
Penetration degree (25°C, mm)	7.0-12.0
Non-volatile content (%)	11.00-13.00
D4 content (%)	<1.00

BENEFITS & APPLICATIONS SiSiB® PC16522 can be used in skin care, hair care, make-up, sunscreen, antiperspirants and deodorants, etc.

RECOMMENDED DOSAGE The recommended usage level is 1%-95%.

SiSiB® PC16522 can be added to the oil-phase or silicone phase in an emulsion formulation. It can be post-added to emulsions if the emulsion is viscous enough for SiSiB® PC16522 to be dispersed. For ease of use, its viscosity can be reduced by blending with dimethicone or cyclomethicone. When heat is used, the material should be processed in an enclosed vessel to prevent the cyclopentasiloxane from volatilizing, the vessel should be inert at temperatures over 60°C.

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PACKING

SiSiB® PC16522 is available in 18Kg or 180Kg 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® PC16522 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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