

SiSiB® PC16257 Silicone Elastomer Gel

INCI NAME Dimethicone (and) Dimethicone Crosspolymer

INTRODUCTION SiSiB® PC16257 is a mixture of high molecular weight Dimethicone Crosspolymer (and) Dimethicone. It can 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**
- Thickens W/O and W/Si formulations
 - Slight sebum absorption
 - Silky-smooth, non-greasy feel
 - Reduces formulation tackiness
 - Quick absorption
 - Heat-processable
 - Compatible with organic ingredients

PHYSICAL PROPERTIES

Appearance	Slightly translucent gel
Non-volatile content (% , w/w)	Min.50
Viscosity (cP, 25°C)	300,000-750,000

BENEFITS & APPLICATIONS

SiSiB® PC16257 is suitable for a wide range of personal care applications, including skin care, hair care, sun care, color cosmetics, and styling formulations.

SiSiB® PC16257 can be readily dispersed into the oil phase through simple mixing. It may be incorporated into either the oil phase or the silicone phase of an emulsion. Post-addition to finished emulsions is also possible, provided that the emulsion exhibits sufficient viscosity to allow for uniform dispersion.

SiSiB® PC16257 may thicken or form lumps during storage; It can be reversed by gentle agitation to restore its original consistency. For improved handling and ease of use, it is recommended to blend the product with dimethicone or cyclomethicone to reduce its viscosity.

RECOMMENDED DOSAGE

The recommended dosage of this product is 1-20%.
It is recommended to conduct a preliminary test to determine the optimal

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dosage.

PACKING

SiSiB® PC16257 is supplied in 20Kg pail, 200Kg 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® PC16257 has a shelf life of 24 months in a dry and cool place at room temperature.

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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