

## SiSiB® PC16208 Silicone Elastomer Gel

**INCI NAME** Caprylyl Methicone (and) Cyclopentasiloxane  
(and) Dimethicone Crosspolymer

**INTRODUCTION** SiSiB® PC16208 is a high-performance silicone elastomer gel composed of a crosslinked dimethicone crosspolymer and caprylyl methicone dispersed in cyclopentasiloxane.

SiSiB® PC16208 provides excellent compatibility with a wide range of organic oils and mineral oils, offering superior silky, powdery sensory, outstanding spreadability, and excellent skin affinity. SiSiB® PC16208 is ideal for various personal care formulations, particularly in skin care and color cosmetics.

- KEY FEATURES & BENEFITS**
- High transparency
  - Prevent caking
  - Excellent compatibility
  - Luxurious powdery sensory
  - Excellent spread-ability

**PHYSICAL PROPERTIES**

Appearance	Transparent gel
Viscosity 25°C, cSt	200,000-500,000
Non-volatile content, 105°C, 3h	11-15%

**APPLICATIONS**

SiSiB® PC16208 is recommended for use in a wide range of personal care products, including facial creams, lotions, sunscreens, whitening creams, primers, BB/CC creams, foundations, lipsticks, eyeshadows, blushes, pressed powders, hair serums, and conditioners.

**RECOMMENDED DOSAGE**

Hair care products	2-10%
Skin care products	2-70%
Color cosmetics	2-50%

**USAGE GUIDELINE**

SiSiB® PC16208 should be dispersed evenly with other oils first in the oil phase of formulations. It is compatible with both cold processing and heating. Uniform dispersion can be achieved through simple stirring or

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shear mixing.

### PACKING

SiSiB® PC16208 is supplied in 20kg plastic pail.

### 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

When stored in the original unopened containers, SiSiB® PC16208 has a shelf life of 24 months from the date of production.

### 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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