

SiSiB® PC16206 Silicone Elastomer

INCI NAME

C13-16 Isoparaffin (and) Dimethicone / Vinyl Dimethicone Crosspolymer

INTRODUCTION

SiSiB® PC16206 an organic silicone elastomer made from a three-dimensional network of cross-linked organic silicone polymers and a blend of natural C13-16 isoparaffins. Containing over 70% C13-16 isoparaffins, it demonstrates excellent compatibility with most lipids and is compatible with a variety of plant oils, sunscreens, and oil-based active ingredients. It is a notable sensory-enhancing ingredient used in skincare formulations.

ADVANTAGES

- Good compatibility with carbon-chain oils and a variety of oil-based active substances
- Provides moderate and natural glossiness
- Meeting the green and environmental needs
- Good skin adhesion, low balling effect
- Provides a refined skin feel
- From Natural Sources
- Provides a perfect touch, visual, and sensory experience

PHYSICAL PROPERTIES

Appearance	Transparent or translucent gel
Refractive Index (n/20D)	1.4200-1.4350
Viscosity (cP, 25°C)	450,000-750,000
Non-volatile Matter Content (%, 105°C /3h)	78.00-88.00
Active content (%)	30-35
Cyclosiloxane (D4, D5, D6)	Max 1000ppm each

BENEFITS & APPLICATIONS

SiSiB® PC16206 can be used in skin care, Color Cosmetic, and other potential formulations, such as sun care, eye cream, and emulsion, etc.

SiSiB®PC16206 can be evenly dispersed through stirring and is easy to incorporate into oil phases. It can also be added to various emulsions.

RECOMMENDED DOSAGE

Sunscreen	3 - 20%
Skincare	3 - 20%

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Color Cosmetic Product	3 - 20%
Cosmeceutical Product	3 - 20%

PACKING

SiSiB® PC16206 is supplied in 20Kg packages, special packaging can be arranged according to customer requirements.

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® PC16206 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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