

SiSiB® PC16240 Silicone Elastomer

INCI NAME Isododecane (and) Isohexadecane (and) Olea Europaea (Olive) Fruit Oil (and) Dimethicone / Vinyl Dimethicone Crosspolymer

INTRODUCTION SiSiB® PC16240 is a blend of cross-linked silicone polymers with ultra-high molecular weight, dispersed in olive oil and isoparaffin, and it is free of cyclic silicone oils, more moisturizing and skin-fitting, non-irritating, lastingly smooth. It possesses a distinct velvety powdery texture and elasticity, which can reduce viscosity, enhance skin texture and application feel, and is compatible with organic oils and fats, functioning as a thickening agent.

SiSiB® PC16240 can be used in both makeup primer and foundation. It enhances spread ability, easier to apply and make the look more fitting and natural, control facial oil and sebum, stay refreshing and moisturizing performance, covers fine lines, and provides an immediate visual effect of smoothing out wrinkles.

SiSiB® PC16240 can be used in skin care products. It can make a product to stay longer on skin surface, enhance hydrating performance especially for eye cream, facial cream and primer products, etc.

- ADVANTAGES**
- Velvety and lightsome feel when added
 - Obvious moist feel
 - Non-oily, non-greasy
 - Reduce stickiness
 - Facial-oil controlling, sebum absorbing
 - Effective and long-lasting skin feel
 - Cover fine lines and pores, smoothen the skin
 - Easy to add, can be cold formulated
 - Thickening, as thickener for W/O and water-free formulas

PHYSICAL PROPERTIES

Appearance	Transparent to translucent gel
Silica gel content (%)	20.0
Solid content (%)	20-26
Refractive index (25°C)	1.4150-1.4250
Specific gravity (25°C)	0.78-0.82

SiSiB® PC16240 Silicone Elastomer

Viscosity (25°C, cP)	150,000-250,000
----------------------	-----------------

BENEFITS & APPLICATIONS

SiSiB® PC16240 can be formulated into W/O or O/W lotions and creams, also, into water-free products.

SiSiB® PC16240 can be used in skincare, sunscreen, make-up products, antiperspirant and deodorant.

SiSiB® PC16240 should be added along with oil /silicone phase. Before processing, make sure it's well dispersed in oil phase.

RECOMMENDED DOSAGE

It is recommended to conduct a preliminary test to determine the optimal dosage.

PACKING

SiSiB® PC16240 is available in 20Kg pails.

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 at temperatures between 10°C and 35°C in the original unopened containers, SiSiB® PC16240 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.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability.

SiSiB[®] PC16240 Silicone Elastomer

We disclaim liability for any incidental or consequential damages.