

SiSiB® PC16239 Silicone Elastomer Gel

INCI NAME Hydrogenated Polyisobutene (and) Dimethicone (and) Cetearyl Dimethicone/Vinyl Dimethicone Crosspolymer (and) Caprylyl Methicone

INTRODUCTION SiSiB® PC16239 is a silicone elastomer gel composed of crosslinked PDMS elastomer powders dispersed in hydrogenated hydrocarbon and alkyl-modified silicone oils. It exhibits excellent compatibility with plant oils, synthetic esters, and waxes, forming stable, uniform dispersions. The product provides a silky-smooth, cushiony skin feel with moderate gloss and lasting moisturization. It is ideal for enhancing the texture and sensory performance of oil-based and emulsion-type personal care formulations.

- ADVANTAGES**
- Excellent compatibility with various plant oils, esters, and waxes
 - Easy spreadability for long-lasting moisture retention
 - Delivers smooth, silky skin feel with natural gloss
 - Non-pilling and lightweight texture
 - Enhances sensory appeal in both skincare and makeup
 - Stable and easy to incorporate into oil phases or emulsions

PHYSICAL PROPERTIES

Appearance	Translucent gel
Refractive Index (25°C)	1.4200-1.4550
Non-volatile Content, 105°C, 3h	>80%
Viscosity (cP, 25°C)	400,000-1,000,000

These values are typical and not intended for specification purposes.

BENEFITS & APPLICATIONS

SiSiB® PC16239 is recommended for:

- Skincare: lotions, serums, brightening creams, eye creams, primers
- Color cosmetics: foundations, lipsticks, lip glosses
- Cosmeceuticals and sunscreens

RECOMMENDED DOSAGE

Color cosmetic	1-50%
Skin care	1-30%
Cosmeceutical and sunscreen	1-20%

USAGE GUIDELINES

SiSiB® PC16239 can be directly dispersed into the oil phase with stirring. It

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is also suitable for post-emulsification addition in emulsion systems. Compatible with a wide range of oil-based ingredients.

PACKING

SiSiB® PC16239 is available in 20 Kg 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 at room temperature in the original unopened containers, SiSiB® PC16239 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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