

## SiSiB® PC16341 Silicone Elastomer Suspension

**INCI NAME** Dimethicone/Vinyl Dimethicone Crosspolymer (and) C12-14 Pareth-12

**INTRODUCTION** SiSiB® PC16341 is a non-ionic aqueous system composed of spherical crosslinked dimethicone/vinyl dimethicone elastomer particles and C12-14 Pareth-12.

It provides a long-lasting, dry, powdery and silky feel, while helping reduce skin shine and control sebum. The product is cold-processable and well-suited for use in skin care, sun care, makeup and hair styling formulations

**FEATURES & BENEFITS**

- Aqueous non-ionic silicone elastomer system
- Provides soft-focus and matte finish
- Long-lasting silky, non-greasy afterfeel
- Helps reduce shine and control sebum
- Enhances spreadability and improves skin texture
- Cold-processable

**PHYSICAL PROPERTIES**

Appearance	Milky white liquid
Centrifugal stability	Max.0.5 ml (2500 rpm x 15min)
Solid content (120°C, 2h, %)	64-68

*These values are typical and are not intended for use as specifications.*

**APPLICATIONS**

SiSiB® PC16341 is ideal for a wide range of personal care formulations, including moisturizers, sunscreens, eye creams, foundations, primers, BB creams, and hair styling products. It improves skin smoothness, offers a silky-powdery feel, and reduces greasiness and shine.

**USAGE GUIDELINES:**

SiSiB® PC16341 can be added into the water phase of the formulation or post-added with medium shear mixing to ensure uniformity. It is compatible with most water-based systems. For optimal aesthetics, avoid excessive high-viscosity oils. Best results are achieved when combined with volatile silicones or light esters.

**RECOMMENDED DOSAGE**

For typical applications, the recommended dosage is 10-40% in face

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creams and 40-60% in eye creams. Preliminary testing is recommended to determine the optimal dosage for specific applications.

### PACKING

SiSiB® PC16341 is supplied in 20Kg 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® PC16341 has a shelf life of two years in a dry and cool place. The storage temperature could not be over 35°C.

### 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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