

SiSiB[®] PC16326

Silicone Elastomer Blend

INCI: Cyclopentasiloxane (and) Dimethicone Crosspolymer (and) Dimethicone/Vinyl Dimethicone Crosspolymer (and) Dimethiconol

INTRODUCTION

SiSiB[®] PC16326 is a mixture of high molecular weight Dimethicone Crosspolymer (and) Dimethicone/Vinyl Dimethicone Crosspolymer in Cyclopentasiloxane which could be dispersed in oil phase excellently and it is a slightly translucent gel.

This product may be formulated into W/O emulsions, water-in-silicone oil, and OW emulsions and anhydrous products to provide dry smoothness and a light silky skin, non-greasy feel.

ADVANTAGES

- Clear to slightly translucent crosslinked silicone elastomer gel
- Suitable for many personal care formulations
- Acts as a thickening agent for w/o and w/silicone oil formulations, cyclomethicones and other silicone fluids
- Slight sebum absorption
- Provides dry smoothness and a light silky skin feel, non-greasy
- Enhances the aesthetics of cyclomethicones
- Reduces tackiness of formulations
- Quick absorption
- Cold processing
- Compatible with organic ingredients

TYPICAL PHYSICAL PROPERTIES

Appearance	Slightly translucent gel
Non-volatile content (% , w/w)	14~17
Viscosity(S94, 2.5RPM, 25°C)	250,000~450,000cSt

APPLICATIONS

SiSiB[®] PC16326 can be used in skin care, hair care, and other potential formulations, such as sun care, color cosmetics, and styling aid, etc.

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□ How to use:

This product could be dispersed into the oil-phase using simple mixing.

SiSiB[®] PC16326 can be added to the oil phase or silicone phase in an emulsion formulation.

SiSiB[®] PC16326 can be post-added to emulsions provided the emulsion is viscous enough for the products to be dispersed.

For ease of use, blending with dimethicone or cyclomethicone may reduce this product's viscosity.

The material of SiSiB[®] PC16326 should be processed in an enclosed vessel to prevent the cyclopentasiloxane from volatilizing when heat is used.

The recommended processing temperature is not over 60°C.

SiSiB[®] PC16326 would become very thick or even lumpy after a period of time. This is normal and it will recovery to original state after slightly agitate.

□ Recommend Dosage:

The recommended usage level is 1%-20%.

PACKING AND STORAGE

SiSiB[®] PC16326 is supplied in 20Kg plastic drum, or 200Kg steel drum.

In the original unopened packaging, SiSiB[®] PC16326 has a shelf life of two years in a dry and cool place. The storage temperature could not be over 60°C.

NOTES

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

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Please send all technical questions concerning quality and product safety to: support@SiSiB.com.