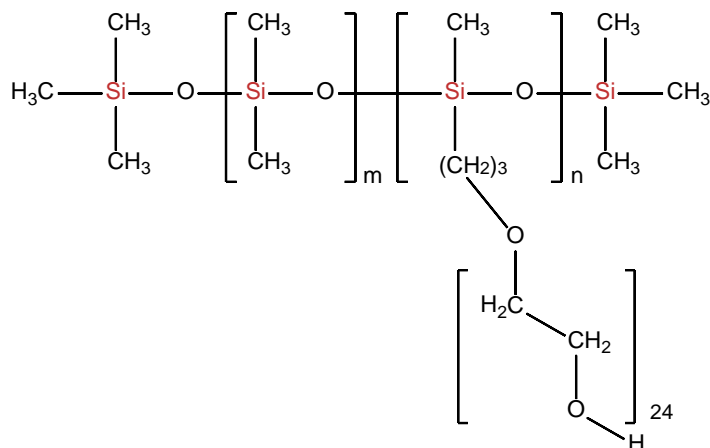


SiSiB® PC12558 Silicone Wax

INCI NAME

PEG-17 Dimethicone

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB® PC12558 is a water-soluble silicone glycol copolymer wax which has excellent compatibility with polar ingredients and can be applied in personal care products, such as cosmetics, skin care, hair care, etc, especially in transparent personal care products. This product is non-toxic and non-irritating.

ADVANTAGES

- 100% soluble in water
- Non-toxic and non-irritating
- Excellent compatibilities with polar ingredients
- Excellent foam stability
- Excellent humectants and spreading abilities
- Good emollient ability and moisturizes
- For transparent personal care products

PHYSICAL PROPERTIES

| | |
|--------------------------|-----------|
| Appearance | White wax |
| Relative density (40°C) | 1.05-1.09 |
| Melting point (°C) | 33-40 |
| Flash point (opened cup) | >100°C |
| Active component (%) | 100 |

BENEFITS & APPLICATIONS

SiSiB® PC12558 can be used in all kinds of personal care products.

SiSiB® PC12558 Silicone Wax

SiSiB® PC12558 has excellent compatibilities with ingredients in formulations when it is used in cosmetics, skin care, hair care etc.

SiSiB® PC12558 can be soluble in water completely, which could improve humectants and spreading abilities in creams, lotions, deodorant and antiperspirant.

SiSiB® PC12558 can increase foam density and stability, having emollient feel to skin and hair and decreasing oily feel of surfactant type lotions when it is used in lotions and shampoo.

SiSiB® PC12558 can improve moisturization and emollient feel in formulations.

□ How to use:

SiSiB® PC12558 is easy to formulate into aqueous systems. It is best to melt the material prior to use in the formulations.

RECOMMEND DOSAGE

The recommended usage level is 4-12% in most applications.

PACKING

SiSiB® PC12558 is supplied in 20Kg plastic 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® PC12558 has a shelf life of 12 months at least in a dry and cool place below 25°C.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

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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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