

SiSiB® PC12402 Silicone Wax

INCI NAME Stearyl Dimethicone

INTRODUCTION SiSiB® PC12402 is a stearyl modified polydimethylsiloxane with high gloss and high compatibility. Its melting point is close to body temperature.

SiSiB® PC12402 can be used in various skincare, haircare, and makeup products. It can provide gloss and brilliance, moisturization, smooth feel and water resistance to skin. When used with sunscreens, it enhances UV protection. It is also suitable for sprays and conditioning products that enhance hair shine, non-greasy, breathable protective film on the skin or hair.

- ADVANTAGES**
- 35°C melting point and melt upon contact with the skin
 - Good gloss and compatibility
 - Anti-ultraviolet radiation
 - Improve smooth feel and spreadability
 - Provide Non-greasy and water-resistant
 - Good air permeability and moistening
 - Long-lasting film-forming ability

PHYSICAL PROPERTIES

Appearance	White solid or paste
Viscosity (50°C, cSt)	50-100
Refractive Index (50°C)	1.445-1.452
Melting Point (°C)	35
Active Content (%)	Min.96
Density (50°C)	0.8-0.9

BENEFITS & APPLICATIONS

SiSiB® PC12402 can be utilized in a wide range of personal care products, including skin care creams and emulsions, sunscreen creams and emulsions, makeup foundations, lipsticks, pressed powders, hair conditioners, serums, brilliantines, and antiperspirants. It offers a variety of benefits, such as enhancing the texture and feel of the products, providing effective UV protection, and improving the overall appearance and manageability of hair and skin.

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

RECOMMENDED DOSAGE

Skin care	1 - 5%
Sunscreen & foundation	2 - 5%
Make-up	1 - 5%
Brilliantine and serum	2 - 5%

All the above recommended dosage is a percentage of the weight of the formula, which depends on the formula system, and the best dosage is determined after experimental evaluation.

SiSiB[®] PC12402 can be compatibility with most of cosmetic conditioning agents, but insoluble in water.

PACKING

SiSiB[®] PC12402 is supplied in 20Kg drums.

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[®] PC12402 has a shelf life of 24 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.

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.

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