

SiSiB® PC11101 Ethyl Trisiloxane

INCI NAME Ethyl Trisiloxane

INTRODUCTION SiSiB® PC11101 is a volatile linear 3-Ethylheptamethyltrisiloxane with very low viscosity and excellent spreading ability. It provides smooth, non-greasy, and silky sensory properties when applied to skin or hair.

SiSiB® PC11101 exhibits good compatibility with most cosmetic ingredients and organic solvents, making it ideal as a light emollient, spreading agent, or carrier for personal care formulations. It can quickly evaporate after application, leaving a soft, fresh, and dry after-feel.

- ADVANTAGES**
- Excellent spreadability and silky, non-greasy feel.
 - Quick evaporation with a clean, refreshing finish.
 - Good compatibility with cosmetic oils and silicones.
 - Ideal as a volatile carrier or diluent in personal care formulations.

PHYSICAL PROPERTIES

CAS No.:	18772-44-4
Molecular Formula	C ₁₀ H ₃₀ O ₂ Si ₃
Appearance	Colorless transparent liquid
Viscosity (25°C, mm ² /s)	1.0-1.5
Flash Point (°C)	45
Refractive Index (25°)	1.385-1.395
Purity (%)	Min.99

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

BENEFITS & APPLICATIONS

SiSiB® PC11101 is widely used in personal care formulations such as skincare, haircare, and color cosmetics. It functions as a volatile carrier, spreading agent, and sensory enhancer, delivering a silky, non-greasy touch and improving the overall texture of emulsions and oils. Typical applications include foundations, primers, sunscreens, lotions, hair serums, deodorants, and sprays, where it promotes even distribution of actives and leaves a smooth, refreshing finish.

RECOMMENDED DOSAGE

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

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dosage.

PACKING

SiSiB® PC11101 is available in 150Kg steel 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

When stored at room temperatures in the original unopened containers, SiSiB® PC11101 has a shelf life of 24 months from the date of production. Avoid acids, alkalis & ignition sources.

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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