



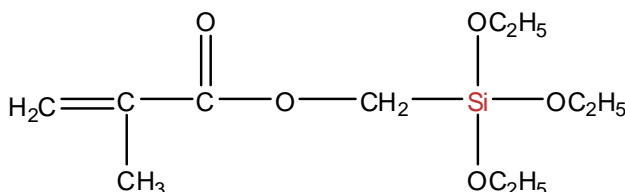
SiSiB[®] PC4510 SILANE

- 1 -

CHEMICAL NAME

Methacryloxymethyltriethoxysilane [Customized]

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB[®] PC4510 is a novel alpha silane. The close proximity of the nitrogen atom to the silicon atom can accelerate hydrolysis reaction compared to (amino-propyl)silanes .

TYPICAL PHYSICAL PROPERTIES

CAS No.	5577-72-0
EINECS No.	N/A
Formula	C ₁₁ H ₂₂ O ₅ Si
Molecular Weight	262.37
Boiling Point	229°C [765mmHg]
Flash Point	>110°C
Color and Appearance	Clear to colorless liquid
Density _{25/25°C}	0.99
Refractive Index	No data [25°C]
Purity:	97.0% by GC

APPLICATIONS

SiSiB[®] PC4510 is mainly used as a surface modifier for glass fibers, fillers and pigments used in thermoplastics, thermosetting plastics and elastomers.

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SiSiB® PC4510 SILANE

- 2 -

SiSiB® PC4510 also can be used as a crosslinker, water scavenger and adhesion promoter in silane-crosslinking formulations, such as adhesives, sealants and coatings.

PACKING AND STORAGE

Customized product packing is 100ml, 250ml, 500ml, 1L and 5L bottle. Industrialized product packing is 210L steel drum or 1000L IBC tote.

In the unopened original container SiSiB® PC4510 has a shelf life of one year in a dry and cool place.

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 purpose or merchantability. We disclaim liability for any incidental or consequential damages.

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

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