



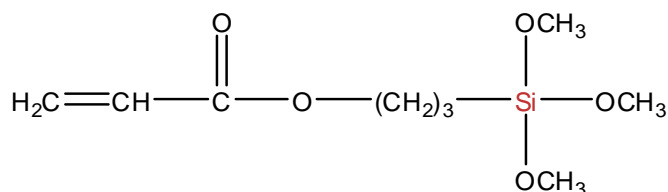
# SiSiB® PC4600 SILANE

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## CHEMICAL NAME

3-Acryloxypropyltrimethoxysilane [Customized]

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB® PC4600 is an organic functional coupling agent, newly developed as an adhesion promoter and reinforcing agents. Its acryloxy group is significantly more reactive than the corresponding methacryloxy group.

## TYPICAL PHYSICAL PROPERTIES

CAS No.	4369-14-6
EINECS No.	419-560-6
Formula	C <sub>9</sub> H <sub>18</sub> O <sub>5</sub> Si
Molecular Weight	234.32
Viscosity 25°C	4 cSt
Boiling Point	68°C [0.4mmHg]
Flash Point	115°C
Color and Appearance	Colorless transparent liquid
Density 25/25°C	1.04
Refractive Index	1.415-1.427 [25°C]
Purity:	Min. 98.5% by GC

## APPLICATIONS

SiSiB® PC4600 is a versatile coupling agent that can be used in many applications

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# SiSiB® PC4600 SILANE

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utilizing a free-radical cure mechanism. The silane is used in fiber-optic coatings, acrylic coatings, artificial marble, adhesives & sealants, and thermoplastics.

It can improve mechanical and electrical property retention better than the more common methacryl silane SiSiB® PC4100.

## PACKING AND STORAGE

SiSiB® PC4600 is supplied in 25Kg plastic drum, 200Kg steel drum or 1000Kg IBC container.

In the unopened original container SiSiB® PC4600 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.

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Please send all technical questions concerning quality and product safety to: [silanes@SiSiB.com](mailto:silanes@SiSiB.com).

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