



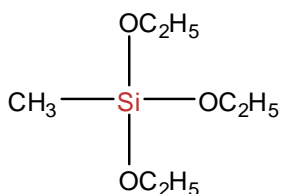
SiSiB[®] PC5132 SILANE

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CHEMICAL NAME

Methyltriethoxysilane

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB[®] PC5132 is an alkylalkoxysilane. It is a clear, colorless liquid with an odor characteristic of alcohols. SiSiB[®] PC5132 hydrolyzes slowly in the presence of moisture to form reactive silanols. These react further to produce oligosiloxanes and then polysiloxanes.

TYPICAL PHYSICAL PROPERTIES

CAS No.	2031-67-6
EINECS No.	217-983-9
Formula	C ₇ H ₁₈ O ₃ Si
Molecular Weight	178.30
Boiling Point	142°C [760mmHg]
Flash Point	30°C
Color and Appearance	Colorless transparent liquid
Density _{25/25°C}	0.895
Refractive Index	1.3832 [20°C]
Purity:	Min.99.5%

APPLICATIONS

SiSiB[®] PC5132 is highly miscible with standard organic solvents, such as alcohols,

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SiSiB® PC5132 SILANE

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hydrocarbons and acetone.

SiSiB® PC5132 is practically insoluble in neutral water and reacts only slowly to form silanols and higher condensation products. Addition of a hydrolytic catalyst (inorganic/organic acids, ammonia or amines) accelerates the hydrolysis of SiSiB® PC5132 substantially.

SiSiB® PC5132 may be used as water repellent to improve fillers dispersibility and reduces their sedimentation tendency.

SiSiB® PC5132 may be used as an important component for sol-gel coating, silicone resins and silicone rubber.

PACKING AND STORAGE

SiSiB® PC5132 is supplied in 190Kg steel drum.

In the unopened container SiSiB® PC5132 has a shelf life of one year.

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.

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