



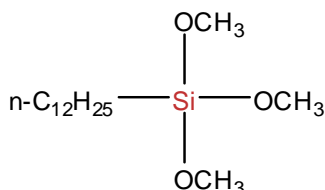
# SiSiB<sup>®</sup> PC5821 SILANE

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## CHEMICAL NAME

Dodecyltrimethoxysilane

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB<sup>®</sup> PC5821 is a monomeric long chain alkylfunctional silane. It is a clear colourless liquid and soluble in organic solvents, not in water.

## TYPICAL PHYSICAL PROPERTIES

CAS No.	3069-21-4
EINECS No.	221-332-4
Formula	C <sub>15</sub> H <sub>34</sub> O <sub>3</sub> Si
Molecular Weight	290.51
Boiling Point	118°C[1.7mmHg]
Flash Point	108°C
Color and Appearance	Colorless transparent liquid
Density <sub>25/25°C</sub>	0.890
Refractive Index	1.4274 [25°C]
Purity:	Min.97.0% by GC

## APPLICATIONS

SiSiB<sup>®</sup> PC5821 has superior hydrophobicity; it can be used as a water-repellent by impregnation.

**Power Chemical**  
ISO9001 ISO14001 certificated

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# SiSiB® PC5821 SILANE

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SiSiB® PC5821 can be used for the treatment of mineral fillers and pigments or inorganic surfaces.

## PACKING AND STORAGE

SiSiB® PC5821 is supplied in 180Kg steel drum.

In the unopened container SiSiB® PC5821 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.

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](mailto:silanes@SiSiB.com).

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