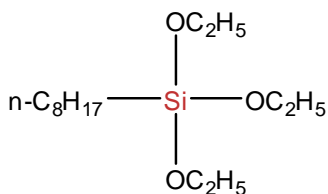


# SiSiB<sup>®</sup> PC5902

## *n*-Octyltriethoxysilane

### CHEMICAL STRUCTURE



### INTRODUCTION

SiSiB<sup>®</sup> PC5902 is a monomeric medium-chain alkylfunctional silane. It is a colorless liquid and soluble in common non-polar organic solvent.

### TYPICAL PHYSICAL PROPERTIES

CAS No.	2943-75-1
EINECS No.	220-941-2
Formula	C <sub>14</sub> H <sub>32</sub> O <sub>3</sub> Si
Molecular Weight	276.48
Boiling Point	98°C[2mmHg] 260°C[760mmHg]
Flash Point	100°C
Color and Appearance	Colorless transparent liquid
Density <sub>25/25°C</sub>	0.88
Refractive Index	1.4150 [25°C]
Purity	98.0%

### APPLICATIONS

SiSiB<sup>®</sup> PC5902 is used as a surface modifier to generate hydrophobicity (e.g. concrete, glass, inorganic pigments, or mineral fillers).

SiSiB<sup>®</sup> PC5902 can improve compatibility between pigments or inorganic fillers and organic polymers or solvents, allow easy pigment or mineral filler dispersion. Recommended level is 0.5~1.5% based on the weight of filler or pigment.

When diluted with an appropriate solvent, SiSiB<sup>®</sup> PC5902 can be used in the formulation of water repellent products. Upon proper application, the formulated product will penetrate and provide water repellency by chemically reacting with the cementitious substrate.

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## *n-Octyltriethoxysilane*

Treated substrates are hydrophobic and retain their original appearance.

### PACKING AND STORAGE

SiSiB<sup>®</sup> PC5902 is supplied in 170Kg steel drum or 850Kg IBC tote.

In the unopened container SiSiB<sup>®</sup> PC5902 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).