



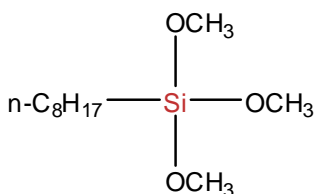
SiSiB[®] PC5901 SILANE

- 1 -

CHEMICAL NAME

n-Octyltrimethoxysilane

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB[®] PC5901 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.	3069-40-7
EINECS No.	221-338-7
Formula	C ₁₄ H ₃₂ O ₃ Si
Molecular Weight	234.41
Boiling Point	75°C [0.1mmHg]
Flash Point	103°C
Color and Appearance	Colorless transparent liquid
Density _{25/25°C}	0.91
Refractive Index	1.417 [25°C]
Purity:	Min.98.0%

APPLICATIONS

SiSiB[®] PC5901 is used as a surface modifier to generate hydrophobicity (e.g. concrete, glass, inorganic pigments, or mineral fillers).

Power Chemical
ISO9001 ISO14001 certified

Copyright© 2008 Power Chemical Corporation Ltd.
SiSiB[®] is a registered trademark of PCC. For more knowledge regarding organosilanes, you may visit www.SiSiB.com or www.PowerChemCorp.com



SiSiB® PC5901 SILANE

- 2 -

When diluted with an appropriate solvent, SiSiB® PC5901 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. Treated substrates are hydrophobic and retain their original appearance.

PACKING AND STORAGE

SiSiB® PC5901 is supplied in 180Kg steel drum.

In the unopened container SiSiB® PC5901 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.

Power Chemical
ISO9001 ISO14001 certified

Copyright© 2008 Power Chemical Corporation Ltd.
SiSiB® is a registered trademark of PCC. For more knowledge regarding organosilanes, you may visit www.SiSiB.com or www.PowerChemCorp.com