



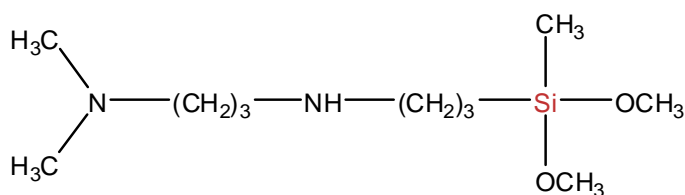
SiSiB® PC1893 SILANE

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CHEMICAL NAME

N1-(3-(dimethoxy(methyl)silyl)propyl)-N3,N3-dimethylpropane-1,3-diamine;
3-(N,N-dimethylaminopropyl)-aminopropyl-methyldimethoxysilane.

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB® PC1893 is a bifunctional organosilane possessing reactive amino groups and hydrolyzable inorganic methoxysilyl groups. The dual nature of its reactivity allows SiSiB® PC1893 to bind chemically to both inorganic materials and organic polymers, thus functioning as an adhesion promoter, surface modifier and as a reactant for product modification.

TYPICAL PHYSICAL PROPERTIES

CAS No.	N.A.
EINECS No.	N.A.
Formula	C ₁₁ H ₂₈ N ₂ O ₂ Si
Molecular Weight	248.44
Boiling Point	251°C [760mmHg]
Flash Point	N.A.°C
Color and Appearance	Colorless to yellowish clear liquid
Density _{25/25°C}	0.930
Refractive Index	1.450 [25°C]
Min. Purity	97.0%

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SiSiB[®] PC1893 SILANE

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APPLICATIONS

SiSiB[®] PC1893 can be used as coupling agent, adhesion promoters, surface modifier etc.

SiSiB[®] PC1893 can be used as better starting material in the synthesis of amino-functional silicones.

PACKING AND STORAGE

SiSiB[®] PC1893 is supplied in 20Kg plastic drum, 180Kg steel drum or 900Kg IBC container.

In the unopened original container SiSiB[®] PC1893 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.

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.

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