

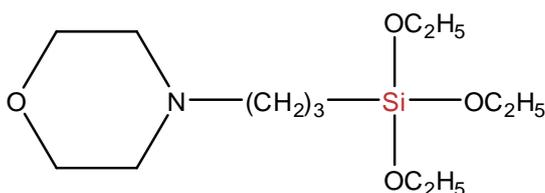
SiSiB® PC1431 SILANE

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CHEMICAL NAME

Morpholinylpropyltriethoxysilane
Synonym: Triethoxysilylpropylmorpholine

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB® PC1431 is a bifunctional organosilane possessing a reactive amino group and hydrolyzable inorganic triethoxysilyl groups. The dual nature of its reactivity allows SiSiB® PC1431 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 ₁₃ H ₂₉ NO ₄ Si
Molecular Weight	291.46
Boiling Point	318°C [760mmHg]
Flash Point	147°C
Color and Appearance	Clear to straw liquid
Density <small>25/25°C</small>	0.982
Refractive Index	1.447 [25°C]
Purity:	Min.97.0%

APPLICATIONS

Power Chemical
ISO9001 ISO14001 certified

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SiSiB[®] PC1431 SILANE

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SiSiB[®] PC1431 can be used as coupling agent, adhesion promoters, surface modifier etc.

SiSiB[®] PC1431 can be used as starting material in the synthesis of amino-functional silicones.

PACKING AND STORAGE

SiSiB[®] PC1431 is supplied in 190Kg steel drum or 950Kg IBC container.

In the unopened original container SiSiB[®] PC1431 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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