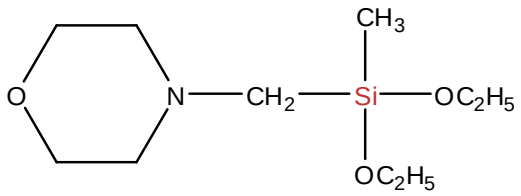
SiSiB® PC1443 SILANE

Customized Product

Chemical Name

Morpholinylmethylmethyldiethoxysilane
Synonym: Methyldiethoxysilylmethylmorpholine

Chemical Structure



Introduction

SiSiB® PC1443 is a bifunctional organosilane possessing a reactive amino group and hydrolyzable inorganic ethoxysilyl groups. The dual nature of its reactivity allows SiSiB® PC1443 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.

The close proximity of the nitrogen atom to the silicon atom can accelerate hydrolysis reaction compared to (amino-propyl)silanes .

Typical Physical Properties

CAS No.	N/A
EINECS No.	N/A
Formula	$C_{10}H_{23}NO_3Si$
Molecular Weight	233.38
Boiling Point	251°C [760mmHg]
Flash Point	106°C
Color and Appearance	Clear to straw liquid
Density $_{25/25°C}$	0.969
Refractive Index	1.442 [25°C]
Purity:	Min.97.0%

Power Chemical
ISO9001 ISO14001 certificated

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Applications

SiSiB® PC1443 can be used as coupling agent, adhesion promoters, surface modifier etc.

SiSiB® PC1443 can be used as starting material in the synthesis of amino-functional silicones.

Packing and Storage

SiSiB® PC1443 is supplied in 180Kg steel drum or 900Kg IBC container.

In the unopened original container SiSiB® PC1443 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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