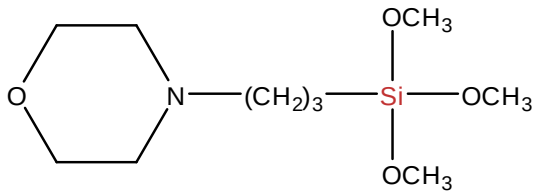
SiSiB® PC1430 SILANE

Customized Product

Chemical Name

Morpholinylpropyltrimethoxysilane
Synonym: Trimethoxysilylpropylmorpholine

Chemical Structure



Introduction

SiSiB® PC1430 is a bifunctional organosilane possessing a reactive amino group and hydrolyzable inorganic trimethoxysilyl groups. The dual nature of its reactivity allows SiSiB® PC1430 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.	31024-54-1
EINECS No.	250-436-2
Formula	$C_{10}H_{23}NO_4Si$
Molecular Weight	249.38
Boiling Point	266°C [760mmHg]
Flash Point	115°C
Color and Appearance	Clear to straw liquid
Density $_{25/25°C}$	1.009
Refractive Index	1.442 [25°C]
Purity:	Min.97.0%

Applications

Power Chemical
ISO9001 ISO14001 certificated

Customized Product

SiSiB® PC1430 can be used as coupling agent, adhesion promoters, surface modifier etc.

SiSiB® PC1430 can be used as starting material in the synthesis of amino-functional silicones.

Packing and Storage

SiSiB® PC1430 is supplied in 200Kg steel drum or 1000Kg IBC container.

In the unopened original container SiSiB® PC1430 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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