



# SiSiB® PC1432 SILANE

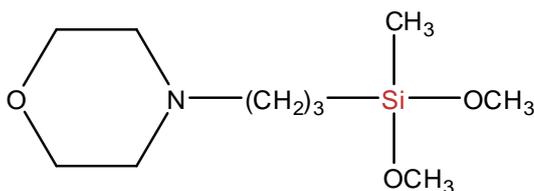
- 1 -

## CHEMICAL NAME

Morpholinylpropylmethyldimethoxysilane

Synonym: Methyldimethoxysilylpropylmorpholine

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB® PC1432 is a bifunctional organosilane possessing a reactive amino group and hydrolyzable inorganic methoxysilyl groups. The dual nature of its reactivity allows SiSiB® PC1432 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 <sub>10</sub> H <sub>23</sub> NO <sub>3</sub> Si
Molecular Weight	233.38
Boiling Point	265°C [760mmHg]
Flash Point	115°C
Color and Appearance	Clear to straw liquid
Density <sub>25/25°C</sub>	0.969
Refractive Index	1.442 [25°C]
Purity:	Min.97.0%

## APPLICATIONS

**Power Chemical**  
ISO9001 ISO14001 certified

Copyright© 2009 Power Chemical Corporation Ltd.  
SiSiB® is a registered trademark of PCC. For more knowledge regarding organosilanes, you may visit [www.SiSiB.com](http://www.SiSiB.com) or [www.PCC.asia](http://www.PCC.asia)



# SiSiB® PC1432 SILANE

- 2 -

SiSiB® PC1432 can be used as coupling agent, adhesion promoters, surface modifier etc.

SiSiB® PC1432 can be used as starting material in the synthesis of amino-functional silicones.

## PACKING AND STORAGE

SiSiB® PC1432 is supplied in 180Kg steel drum or 900Kg IBC container.

In the unopened original container SiSiB® PC1432 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](mailto:silanes@SiSiB.com).

**Power Chemical**  
ISO9001 ISO14001 certified

Copyright© 2009 Power Chemical Corporation Ltd.  
SiSiB® is a registered trademark of PCC. For more knowledge regarding organosilanes, you may visit [www.SiSiB.com](http://www.SiSiB.com) or [www.PCC.asia](http://www.PCC.asia)