



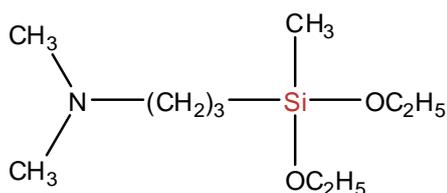
# SiSiB® PC1863 SILANE

- 1 -

## CHEMICAL NAME

Dimethylaminopropylmethyldiethoxysilane; [Developmental]  
3-(methyldiethoxysilylpropyl)dimethylamine

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB® PC1863 is a bifunctional organosilane possessing a reactive amino group and hydrolyzable inorganic ethoxysilyl groups. The dual nature of its reactivity allows SiSiB® PC1863 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>25</sub> NO <sub>2</sub> Si
Molecular Weight	219.4
Boiling Point	227°C [760mmHg]
Flash Point	91°C
Color and Appearance	Colorless to yellowish clear liquid
Density <sub>25/25°C</sub>	0.88
Refractive Index	1.429 [25°C]
Min. Purity	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® PC1863 SILANE

- 2 -

SiSiB® PC1863 can be used as coupling agent, adhesion promoters, surface modifier etc.

## PACKING AND STORAGE

Customized product packing is 100ml, 250ml, 500ml and 1000ml bottle. Industrialized product packing is 210L steel drum or 1000L IBC tote.

In the unopened original container SiSiB® PC1863 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 certificated

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)