



# SiSiB<sup>®</sup> PC1230 SILANE

- 1 -

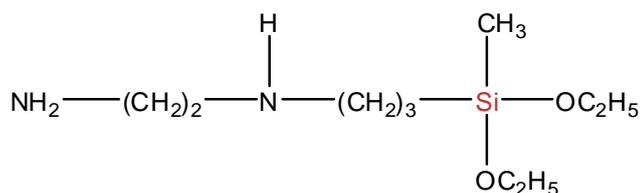
## CHEMICAL NAME

Aminoethylaminopropylmethyldiethoxysilane

Synonym: N-(2-aminoethyl)-3-aminopropylmethyldiethoxysilane

N-(3-methyldiethoxysilylpropyl)ethylenediamine

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB<sup>®</sup> PC1230 is a bifunctional organosilane possessing two reactive amino groups and hydrolyzable inorganic ethoxysilyl groups. The dual nature of its reactivity allows SiSiB<sup>®</sup> PC1230 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.

SiSiB<sup>®</sup> PC1230 is a clear to straw liquid.

## TYPICAL PHYSICAL PROPERTIES

CAS No.	70240-34-5
EINECS No.	274-494-3
Formula	C <sub>10</sub> H <sub>26</sub> N <sub>2</sub> O <sub>2</sub> Si
Molecular Weight	234.41
Boiling Point	289°C [760mmHg]
Flash Point	129°C
Color and Appearance	Colorless to straw liquid
Density <sub>25/25°C</sub>	0.92
Refractive Index	1.444 [25°C]
Purity:	Min.97.0%

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- 2 -

## APPLICATIONS

SiSiB® PC1230 can be used as coupling agent, adhesion promoters, surface modifier etc.

SiSiB® PC1230 can be used as starting material in the synthesis of amino-functional silicones.

## PACKING AND STORAGE

SiSiB® PC1230 is supplied in 180Kg steel drum or 900Kg IBC container.

In the unopened original container SiSiB® PC1230 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.

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Please send all technical questions concerning quality and product safety to: [silanes@SiSiB.com](mailto:silanes@SiSiB.com).

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