



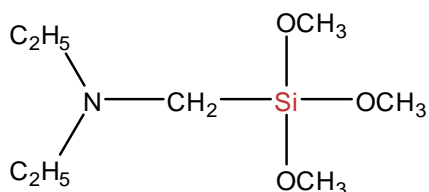
# SiSiB® PC1820 SILANE

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## CHEMICAL NAME

Diethylaminomethyltrimethoxysilane; (Trimethoxysilylmethyl)diethylamine

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB® PC1820 is a novel alpha silane. 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 <sub>8</sub> H <sub>21</sub> NO <sub>3</sub> Si
Molecular Weight	207.34
Boiling Point	176°C [760mmHg]
Flash Point	60°C
Color and Appearance	Colorless to yellowish clear liquid
Density <sub>25/25°C</sub>	0.931
Refractive Index	1.423 [25°C]
Min. Purity	97.0%

**Solubility:** SiSiB® PC1820 is soluble in most organic solvent like alcohol, acetone, toluene, acetic ether and gasoline; also soluble in water;

## APPLICATIONS

**Power Chemical**  
ISO9001 ISO14001 certified

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# SiSiB<sup>®</sup> PC1820 SILANE

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SiSiB<sup>®</sup> PC1820 can be used as freezing agent of silicon sulfide rubber in normal temperature;

SiSiB<sup>®</sup> PC1820 can be used as anchoring agent of synthetic resin;

SiSiB<sup>®</sup> PC1820 can be used as raw material of finishing agent to manufacture fabrics.

## PACKING AND STORAGE

SiSiB<sup>®</sup> PC1820 is supplied in 20Kg plastic drum, 180Kg steel drum or 900Kg IBC container.

In the unopened original container SiSiB<sup>®</sup> PC1820 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

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