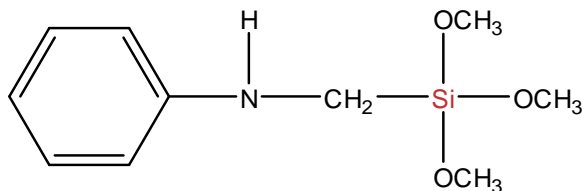


# SiSiB<sup>®</sup> PC1710

*(N-phenylamino)methyltrimethoxysilane*

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB<sup>®</sup> PC1710 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.	77855-73-3
EINECS No.	N.A.
Formula	C <sub>10</sub> H <sub>17</sub> O <sub>3</sub> NSi
Molecular Weight	227.34
Boiling Point	115-125°C [4mmHg] 235°C [760mmHg]
Flash Point	110°C
Color and Appearance	Colorless to yellowish clear liquid
Density <sub>25/25°C</sub>	1.08
Refractive Index	1.509 [25°C]
Min Purity	97%

## APPLICATIONS

SiSiB<sup>®</sup> PC1710 can be used in the production of silyl modified polymers which serve as binders in adhesives and sealants.

SiSiB<sup>®</sup> PC1710 also can be used as a crosslinker, water scavenger and adhesion promoter in silane-crosslinking formulations, such as adhesives, sealants and coatings.

SiSiB<sup>®</sup> PC1710 can be used as surface modifier for fillers (like glass, metal oxides, aluminum hydroxide, kaolin, wollastonite, mica) and pigments.

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## *(N-phenylamino)methyltrimethoxysilane*

### PACKING AND STORAGE

SiSiB<sup>®</sup> PC1710 is supplied in 200Kg steel drum or 1000Kg IBC tote.

In the unopened original container SiSiB<sup>®</sup> PC1710 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).