SiSiB® PC1600 SILANE

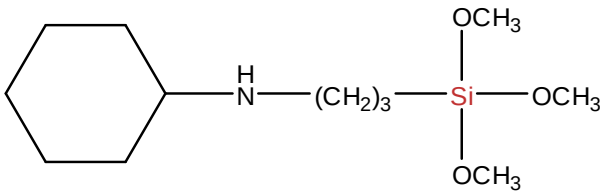
Chemical Name

3-(N-Cyclohexylamino)propyltrimethoxysilane;

[3-(Trimethoxysilyl)propyl]aminocyclohexane;

N-3-(Trimethoxysilyl)-propylcyclohexylamine

Chemical Structure



Introduction

SiSiB® PC1600 is an alkoxysilane with an aminofunctional group. It hydrolyzes autocatalytically in the presence of moisture to form silanols, which can react with themselves to produce siloxanes or bind inorganic substrates.

Typical Physical Properties

CAS No.	3068-78-8
EINECS No.	221-329-8
Formula	$C_{12}H_{27}NO_3Si$
Molecular Weight	261.44
Boiling Point	114°C [3mmHg]
Flash Point	>110°C
Color and Appearance	Clear to straw liquid with amine odor.
Density $_{25/25°C}$	0.99
Refractive Index	1.4500 [25°C]
Purity:	Min. 96.0% by GC

Power Chemical
ISO9001 ISO14001 certificated

Applications

SiSiB® PC1600 can be used as an adhesion promoter in sealants, adhesives, and coatings.

SiSiB® PC1600 can be used as a surface modifier for fillers for silane-modilified polymers which serve as binders in adhesives and sealants.

Packing and Storage

SiSiB® PC1600 is supplied in 200Kg steel drum or 1000Kg IBC container.

In the unopened original container SiSiB® PC1600 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.