



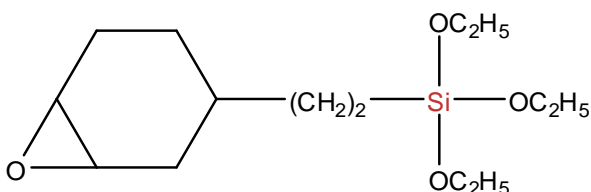
# SiSiB<sup>®</sup> PC3510 SILANE

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## CHEMICAL NAME

2-(3,4-Epoxycyclohexyl)-ethyltriethoxysilane

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB<sup>®</sup> PC3510 is a clear colorless, low-odor liquid. SiSiB<sup>®</sup> PC3510 may be used as an adhesion promoter (coupling agent) for organic/inorganic interfaces, as a surface modifier (e.g. regulating surface polarity) or as a crosslinking agent (moisture-curing of polymers). When used as coupling agent, it generally reduces the sensitivity of the products' mechanical and electrical properties to heat and/or moisture.

## TYPICAL PHYSICAL PROPERTIES

CAS No.	10217-34-2
EINECS No.	425-050-4
Formula	C <sub>14</sub> H <sub>28</sub> O <sub>4</sub> Si
Molecular Weight	288.45
Boiling Point	316°C [760mmHg]
Flash Point	129°C
Color and Appearance	Colorless clear liquid
Density <sub>25/25°C</sub>	1.00
Refractive Index	1.457 [25°C]
Purity:	Min 98.0%;

**Caution:** SiSiB<sup>®</sup> PC3510 reacts with water. Take precautions to avoid contact with atmospheric moisture.

**Power Chemical**  
ISO9001 ISO14001 certificated

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# SiSiB® PC3510 SILANE

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## APPLICATIONS

SiSiB® PC3510 can be used in waterborne coating formulations, to improve solvent, impact and mar resistance, wet and dry adhesion, also stain resistance in wood and automotive plastic coatings.

## PACKING AND STORAGE

SiSiB® PC3510 is supplied in 200Kg steel drum or 1000Kg IBC container.

In the unopened original container SiSiB® PC3510 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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