



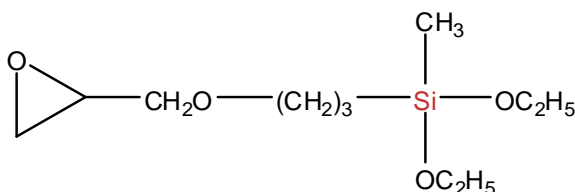
SiSiB® PC3300 SILANE

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CHEMICAL NAME

gamma-Glycidoxypropylmethyldiethoxysilane

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB® PC3300 is a clear colorless, low-odor liquid. SiSiB® PC3300 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.	2897-60-1
EINECS No.	220-780-8
Formula	C ₁₁ H ₂₄ O ₄ Si
Molecular Weight	248.39
Boiling Point	123°C [5mmHg]
Flash Point	122°C
Color and Appearance	Colorless clear liquid.
Density _{25/25°C}	0.978
Refractive Index	1.431 [25°C]
Purity:	Min 98.0%;

Caution: SiSiB® PC3300 reacts with water. Take precautions to avoid contact with atmospheric moisture.

Power Chemical
ISO9001 ISO14001 certified

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SiSiB® PC3300 SILANE

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APPLICATIONS

SiSiB® PC3300 can be used to improve dry and wet strength in cured composites reinforced with glass fiber rovings.

SiSiB® PC3300 can be used to enhance wet electrical properties of epoxy-based encapsulate and packaging materials.

SiSiB® PC3300 can be used to eliminate the need for a separate primer in polysulfide and urethane sealants.

SiSiB® PC3300 can be used to improve adhesion in waterborne acrylic sealants and in urethane and epoxy coatings.

PACKING AND STORAGE

SiSiB® PC3300 is supplied in 200Kg steel drum or 1000Kg IBC container.

In the unopened original container SiSiB® PC3300 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.

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