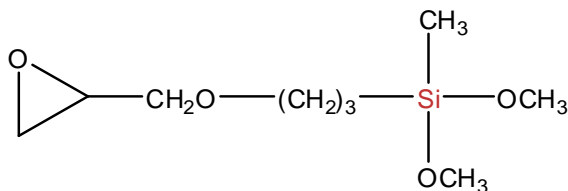


SiSiB[®] PC3400

gamma-Glycidoxypropylmethyldimethoxysilane

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB[®] PC3400 is a clear colorless, low-odor liquid. SiSiB[®] PC3400 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.	65799-47-5
EINECS No.	265-929-8
Formula	C ₉ H ₂₀ O ₄ Si
Molecular Weight	220.34
Boiling Point	100°C [4mmHg]
Flash Point	105°C
Color and Appearance	Colorless clear liquid.
Density _{25/25°C}	1.02
Refractive Index	1.431 [25°C]
Min. Purity	98.0%

Caution: SiSiB[®] PC3400 reacts with water. Take precautions to avoid contact with atmospheric moisture.

APPLICATIONS

SiSiB[®] PC3400 may improve dry and wet strength in cured composites reinforced with glass fiber rovings.

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SiSiB[®] PC3400 may enhance wet electrical properties of epoxy-based encapsulate and packaging materials.

SiSiB[®] PC3400 may eliminate the need for a separate primer in polysulfide and urethane sealants.

SiSiB[®] PC3400 may improve adhesion in waterborne acrylic sealants and in urethane and epoxy coatings.

PACKING AND STORAGE

SiSiB[®] PC3400 is supplied in 200Kg steel drum or 1000Kg IBC container.

In the unopened original container SiSiB[®] PC3400 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.