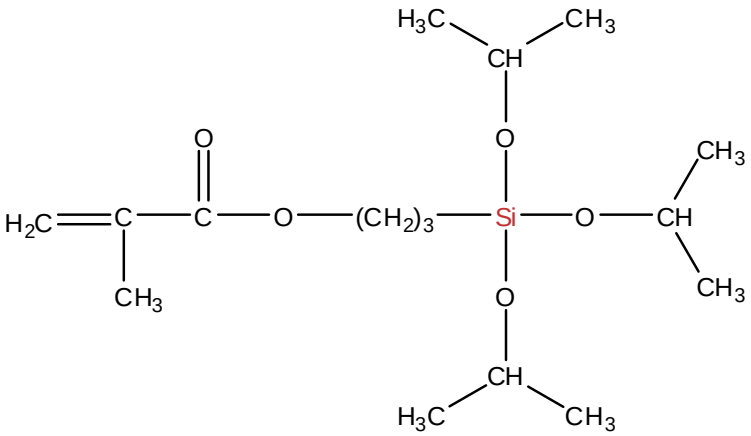
SiSiB® PC4150 SILANE

Chemical Name

Gamma-Methacryloxypropyl-tris-(2-propoxy)silane

Chemical Structure



Introduction

SiSiB® PC4150 is a methacryl functional silane, mainly used as a crosslinker for 100% acrylic latexes. SiSiB® PC4150 is easily incorporated into acrylic latex backbones.

Typical Physical Properties

CAS No.	80750-05-6
EINECS No.	279-538-5
Formula	$C_{16}H_{32}O_5Si$
Molecular Weight	332.51
Boiling Point	348°C [760mmHg]
Flash Point	136°C
Color and Appearance	Colorless to straw transparent liquid
Density $_{25/25°C}$	0.947
Refractive Index	1.4225 [25°C]
Min. Purity	98.0%

Power Chemical
ISO9001 ISO14001 certificated

Applications

SiSiB® PC4150 is especially useful in coatings applications where increased solvent and water resistance, mar resistance, wet and dry adhesion, pigment binding and scrub resistance, films hardness and tensile strength.

The unique structure of SiSiB® PC4150 may make it unusually stable in emulsions. It does not react or form crosslinks until the coating is cast as a film.

Packing and Storage

SiSiB® PC4150 is supplied in 25Kg plastic drum, 200Kg steel drum.

In the unopened original container SiSiB® PC4150 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.