



# SiSiB® PC7500 SILANE

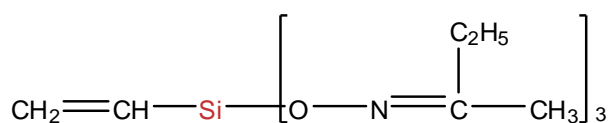
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## CHEMICAL NAME

Vinyl tris(methylethylketoximino)silane,

Synonym: Vinyltris(2-butanoneoxime)silane, Vinyl oximino silane, VOS  
Vinyltris(2-butanoneoxime)silane

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB® PC7500 is used as a neutral curing agent in silicone sealant formulations. Generally, this silane is used for crosslinking  $\alpha,\omega$ -silanol polydimethylsiloxanes in the presence of atmospheric moisture.

## TYPICAL PHYSICAL PROPERTIES

CAS No.	2224-33-1
EINECS No.	218-747-8
Formula	C <sub>14</sub> H <sub>27</sub> N <sub>3</sub> O <sub>3</sub> Si
Molecular Weight	313.47
Boiling Point	115°C [0.12mmHg]
Flash Point	63°C
Color and Appearance	Colorless or yellowish transparent liquid
Density <sub>25/25°C</sub>	0.990
Refractive Index <sub>[20°C]</sub>	1.4635 [25°C]
Active Content	97.0%

## APPLICATIONS

SiSiB® PC7500 is used as a neutral curing agent in silicone sealant formulations.

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# SiSiB® PC7500 SILANE

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In most cases SiSiB® PC7500 is used in combination with methyloxime silane (SiSiB® PC7130). Compared to formulations based on methyloxime silanes only, the use of combinations containing methyl- and vinyloxime silanes leads to a shorter skin formation time of the silicone sealant without a reduction of the curing time. The ability of the sealant to withstand stress early, required for a certain elasticity and tear resistance, is achieved.

## PACKING AND STORAGE

SiSiB® PC7500 is supplied in 200Kg steel drum or 950Kg IBC container.

In the unopened original container SiSiB® PC7500 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](mailto:silanes@SiSiB.com).

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