

SiSiB[®] PC7400

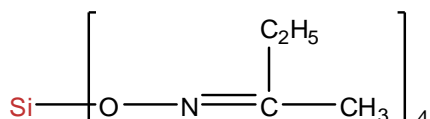
Tetra(methylethylketoxime)silane in toluene

Synonym:TOS in toluene,

Tetra(methylethylketoximino)silane in toluene,

Tetra(2-butanoneoxime)silane in toluene

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB[®] PC7400 is clear and almost colorless fluid with a typical solvent smell (Toluene). The product very rapidly hydrolyzes upon contact with moisture.

TYPICAL PHYSICAL PROPERTIES

CAS No.	34206-40-1
EINECS No.:	251-882-0
Formula	C ₁₆ H ₃₂ N ₄ O ₄ Si
Molecular Weight	372.5
Boiling Point	110°C [760mmHg]
Flash Point	4°C
Color and Appearance	Clear, yellow liquid
Density _{25/25°C}	0.930 +/- 0.005
Refractive Index	1.483 [20°C]
TOS (wt.%)	45-50
TOS-Dimer (wt.%)	Max. 4
MEKO (wt.%)	Max. 4
Toluene (wt.%)	45-50

APPLICATIONS

It is used as a neutral curing agent in silicone sealant formulations. Normally, it will be combined with MOS or VOS to achieve higher reactivity, shorter skin formation times and

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higher crosslinking density.

Another important advantage of using SiSiB[®] PC7400 in silicone sealants is that extended tooling times can be achieved without jeopardizing crack-resistance.

PACKING AND STORAGE

SiSiB[®] PC7400 is supplied in net weight 190Kg steel drum or net weight 950Kg IBC tote.

In the unopened original container SiSiB[®] PC7400 has a shelf life of one year in a dry and cool place.

TOS IN OTHER SOLUTION

SiSiB[®] MT9010 MOS/TOS 90/10

SiSiB[®] MT8018: MOS/TOS 82/18

SiSiB[®] VT8020: VOS/TOS 80/20

SiSiB[®] VT6535: VOS/TOS 65/35

SiSiB[®] VT5545: VOS/TOS 55/45

Suggestion for SiSiB[®] VT8020, SiSiB[®] VT6535, SiSiB[®] VT5545:

Storage at 60~80°C in an oven, melting of solid residuum, homogenization, further processing (dosage, pump) at T > 45°C recommended.

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

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Please send all technical questions concerning quality and product safety to:
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