



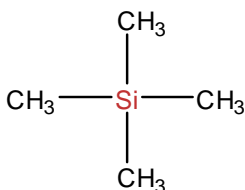
# SiSiB® PC5401 SILANE

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## CHEMICAL NAME

Tetramethylsilane

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB® PC5401 is a flammable, colorless, odorless liquid.

## TYPICAL PHYSICAL PROPERTIES

CAS No.	75-76-3
EINECS No.	200-899-1
Formula	C <sub>4</sub> H <sub>12</sub> Si
Molecular Weight	88.22
Boiling Point	26.6°C [760mmHg]
Flash Point	-28°C
Color and Appearance	Colorless clear liquid
Density <sub>25/25°C</sub>	0.641
Refractive Index	1.3588 [20°C]
Purity:	Min 98.0%

## APPLICATIONS

SiSiB® PC5401 is used for PECVD of low k dielectric and barrier layers in damascene metallization applications.

**Power Chemical**  
ISO9001 ISO14001 certified

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# SiSiB® PC5401 SILANE

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## PACKING AND STORAGE

SiSiB® PC5401 is supplied in 120Kg steel drum.

In the unopened original container SiSiB® PC5401 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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