



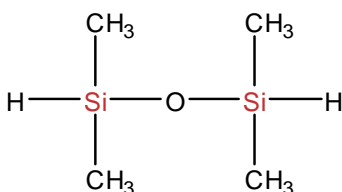
# SiSiB<sup>®</sup> PC9400 SILOXANE

- 1 -

## CHEMICAL NAME

1,1,3,3-Tetramethyldisiloxane, TMDS, TMDSO

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB<sup>®</sup> PC9400 is a colorless clear liquid.

## TYPICAL PHYSICAL PROPERTIES

CAS No.	3277-26-7 or 30110-74-8
EINECS No.	221-906-4
Formula	C <sub>4</sub> H <sub>14</sub> OSi <sub>2</sub>
Molecular Weight	134.33
Boiling Point	70°C [760mmHg]
Flash Point	-12°C
Color and Appearance	Colorless transparent liquid
Density <sub>25/25°C</sub>	0.757
Refractive Index	1.3669 [20°C]
Purity:	Min.99.0% by GC

## APPLICATIONS

SiSiB<sup>®</sup> PC9400 is used in for Plasma Enhanced Chemical Vapor Deposition (PECVD) of glass on a variety of substrates at low temperature.

SiSiB<sup>®</sup> PC9400 is also employed in reductive halogenation of aldehydes and epoxides.

**Power Chemical**  
ISO9001 ISO14001 certified

Copyright© 2008 Power Chemical Corporation Ltd.  
SiSiB<sup>®</sup> is a registered trademark of PCC. For more knowledge regarding organosilanes, you may visit [www.SiSiB.com](http://www.SiSiB.com) or [www.PCC.asia](http://www.PCC.asia)



# SiSiB<sup>®</sup> PC9400 SILOXANE

- 2 -

## PACKING AND STORAGE

SiSiB<sup>®</sup> PC9400 is supplied in 20Kg or 130Kg steel drum.

In the unopened original container SiSiB<sup>®</sup> PC9400 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).

**Power Chemical**  
ISO9001 ISO14001 certificated

Copyright© 2008 Power Chemical Corporation Ltd.  
SiSiB<sup>®</sup> is a registered trademark of PCC. For more knowledge regarding organosilanes, you may visit [www.SiSiB.com](http://www.SiSiB.com) or [www.PCC.asia](http://www.PCC.asia)