



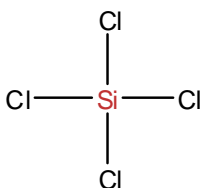
# SiSiB® PC5400 SILANE

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## CHEMICAL NAME

Tetrachlorosilane

## CHEMICAL STRUCTURE



## INTRODUCTION

SiSiB® PC5400 (SiCl<sub>4</sub>) is a chlorosilane which is formed by reaction of metallic silicon or ferrosilicon with hydrogen chloride or chlorine.

## TYPICAL PHYSICAL PROPERTIES

CAS No.	10026-04-7
EINECS No.	233-054-0
Formula	SiCl <sub>4</sub>
Molecular Weight	169.90
Boiling Point	57°C
Flash Point	non flammable
Color and Appearance	Colorless clear liquid
Density <sub>25/25°C</sub>	1.481
Refractive Index	1.4153
Purity:	Min 99.5%;

## APPLICATIONS

SiSiB® PC5400 is used on a large scale for the production of pyrogenic silica.

SiSiB® PC5400 is used for crosslinking SB rubber and polystyrene and also for

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# SiSiB® PC5400 SILANE

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producing silicic acid esters and ester hydrolysates, like SiSiB® PC5410, SiSiB® PC5420, SiSiB® PC5430, SiSiB® PC5460 etc.

High purity SiSiB® PC5400 is used in the manufacture of optical fibres, of fused silica tubes and other fused silica articles.

## PACKING AND STORAGE

SiSiB® PC5400 is supplied in net weight 250Kg steel drum.

In the unopened original container SiSiB® PC5400 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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