



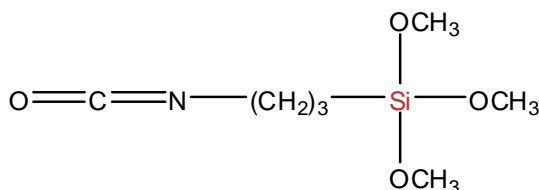
SiSiB® PC2710 SILANE

- 1 -

CHEMICAL NAME

3-isocyanatepropyltrimethoxysilane

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB® PC2710 is an isocyanate functional silane. It is used for the functionalization of numerous compounds with active hydrogen atoms. SiSiB® PC2710 hydrolyzes in the presence of moisture to form silanols, which can react with themselves to produce siloxanes.

TYPICAL PHYSICAL PROPERTIES

CAS No.	15396-00-6
EINECS No.	239-415-9
Formula	C ₇ H ₁₅ NO ₄ Si
Molecular Weight	205.28
Boiling Point	210°C [760mmHg]
Flash Point	108°C
Color and Appearance	Colorless transparent liquid
Density _{25/25°C}	1.08
Refractive Index	1.421 [25°C]
Active Purity	98.0%

APPLICATIONS

SiSiB® PC2710 and SiSiB® PC2720 can be used as crosslinkers for one part moisture

Power Chemical
ISO9001 ISO14001 certified

Copyright© 2009 Power Chemical Corporation Ltd.
SiSiB® is a registered trademark of PCC. For more knowledge regarding organosilanes, you may visit www.SiSiB.com or www.PCC.asia



SiSiB® PC2710 SILANE

- 2 -

curable urethane adhesives, sealants and coatings.

SiSiB® PC2710 and SiSiB® PC2720 can be used as adhesion promoters for one part moisture curable and two part reactive urethane systems.

SiSiB® PC2710 and SiSiB® PC2720 can be used as adhesion promoters for silicone sealants or coatings, to enhance adhesion to organic substrates with active hydrogen atoms.

SiSiB® PC2710 and SiSiB® PC2720 can provide good wet adhesion to glass, metal and other inorganic substrates, and can provide good thermal, chemical and UV stable performance.

SiSiB® PC2720 hydrolyzes slower than SiSiB® PC2710. SiSiB® PC2720 is better for applications requiring greater open time or enhanced shelf stability.

PACKING AND STORAGE

SiSiB® PC2710 is supplied in 25Kg plastic drum, 200Kg steel drum or 1000Kg IBC container.

In the unopened container SiSiB® PC2710 has a shelf life of one year.

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.

Power Chemical
ISO9001 ISO14001 certified

Copyright© 2009 Power Chemical Corporation Ltd.
SiSiB® is a registered trademark of PCC. For more knowledge regarding organosilanes, you may visit www.SiSiB.com or www.PCC.asia