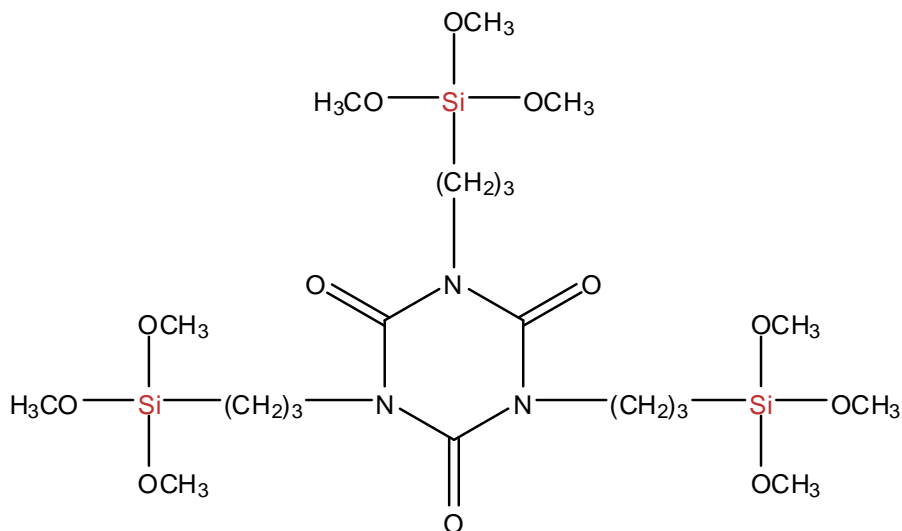


SiSiB[®] PC2780

Tris-(3-(trimethoxysilyl)propyl)isocyanurate

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB[®] PC2780 is a clear to straw liquid, it is a highly effective siloxane crosslinker. Both adhesion and crosslinking characteristics will be improved by adding SiSiB[®] PC2780 as well as the mechanical properties will be consequently influenced. The storage stability of silane- or moisture-cure formulations is improved and cure speeds can be influenced. SiSiB[®] PC2780 can enhance dispersibility in organic binders or plastics while used for the surface modification of fillers and pigments, which dues to improving mechanical properties.

TYPICAL PHYSICAL PROPERTIES

CAS No.	26115-70-8
EINECS No.	247-465-8
Formula	C ₂₁ H ₄₅ N ₃ O ₁₂ Si ₃
Molecular Weight	615.85
Boiling Point	543°C [760mmHg]
Flash Point	282°C
Color and Appearance	Colorless to straw liquid
Viscosity _{25°C}	330~430cps
Density _{25/25°C}	1.16~1.18

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Refractive Index 1.461 [25°C]

APPLICATIONS

SiSiB[®] PC2780 can be used as an adhesion promoter and crosslinker in sealants and adhesives or coatings applications. In addition, it can be used to modify surfaces of inorganic materials, pigments or fillers (mica or mineral wool, glass, metal oxides etc.).

PACKING AND STORAGE

SiSiB[®] PC2780 is supplied in 25Kg plastic drum, 200Kg steel drum or 1000Kg IBC container.

It does not necessarily mean that the product is no longer usable when the storage beyond the date specified on the label. Anyhow, the properties required for the intended use must be checked for quality assurance reasons.

In the unopened container SiSiB[®] PC2780 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.