



SiSiB® PC1413 SILANE

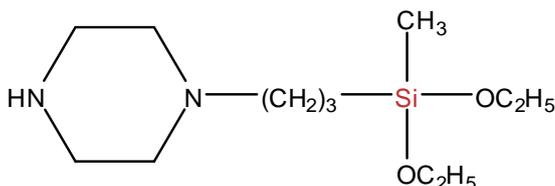
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CHEMICAL NAME

Piperazinylpropylmethyldiethoxysilane

Synonym: Methyldiethoxysilylpropylpiperazine

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB® PC1413 is a bifunctional organosilane possessing two reactive amino groups and hydrolyzable inorganic ethoxysilyl groups. The dual nature of its reactivity allows SiSiB® PC1413 to bind chemically to both inorganic materials and organic polymers, thus functioning as an adhesion promoter, surface modifier and as a reactant for product modification.

TYPICAL PHYSICAL PROPERTIES

CAS No.	N/A
EINECS No.	N/A
Formula	C ₁₂ H ₂₈ N ₂ O ₂ Si
Molecular Weight	260.45
Boiling Point	314°C [760mmHg]
Flash Point	144°C
Color and Appearance	Clear to straw liquid
Density _{25/25°C}	0.934
Refractive Index	1.448 [25°C]
Purity:	Min.95.0%

APPLICATIONS

Power Chemical
ISO9001 ISO14001 certificated

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SiSiB[®] PC1413 SILANE

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SiSiB[®] PC1413 can be used as coupling agent, adhesion promoters, surface modifier etc.

SiSiB[®] PC1413 can be used as starting material in the synthesis of amino-functional silicones.

PACKING AND STORAGE

SiSiB[®] PC1413 is supplied in 190Kg steel drum or 950Kg IBC tote

In the unopened original container SiSiB[®] PC1413 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.

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Please send all technical questions concerning quality and product safety to: silanes@SiSiB.com.

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