



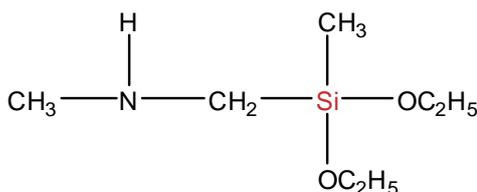
SiSiB[®] PC1923 SILANE

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CHEMICAL NAME

Methylaminomethylmethyldiethoxysilane [Developmental]

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB[®] PC1923 is a bifunctional organosilane possessing a reactive amino group and hydrolyzable inorganic ethoxysilyl groups. The dual nature of its reactivity allows SiSiB[®] PC1923 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.

SiSiB[®] PC1923 is a novel alpha silane. The close proximity of the nitrogen atom to the silicon atom can accelerate hydrolysis reaction compared to (amino-propyl)silanes.

TYPICAL PHYSICAL PROPERTIES

| | |
|----------------------------|---|
| CAS No. | No data |
| EINECS No. | No data |
| Formula | C ₇ H ₁₉ NO ₂ Si |
| Molecular Weight | 177.32 |
| Boiling Point | No data °C [760mmHg] |
| Flash Point | No data °C |
| Color and Appearance | No data |
| Density _{25/25°C} | No data |
| Refractive Index | No data |
| Purity: | Min.97.0% by GC |

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SiSiB[®] PC1923 SILANE

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APPLICATIONS

SiSiB[®] PC1923 can be used as coupling agent, adhesion promoters, surface modifier etc.

SiSiB[®] PC1923 can be used as starting material in the synthesis of amino-functional silicones.

PACKING AND STORAGE

Customized product packing is 100ml, 250ml, 500ml and 1000ml bottle. Industrialized product packing is 210L steel drum or 1000L IBC tote.

In the unopened original container SiSiB[®] PC1923 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.

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