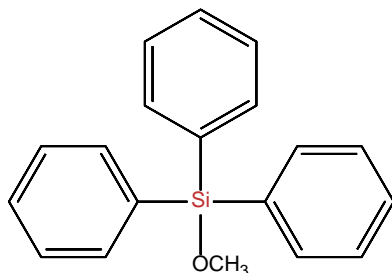


SiSiB® PC8311 SILANE

CHEMICAL NAME Triphenylmethoxysilane

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB® PC8311 is an organosilicon compound featuring a silicon atom bonded to one methoxy group and three phenyl groups. This unique structure imparts high thermal stability, hydrophobicity, and steric hindrance, making it valuable in specialized chemical syntheses and material surface modification.

CAS NUMBER 1829-41-0

EINECS NUMBER 217-382-1

PHYSICAL PROPERTIES

Formula	C ₁₉ H ₁₈ OSi
Molecular Weight	290.43
Melting Point	55 °C
Color and Appearance	White solid powder
Density _{25/25°C}	0.98-1.18
Min. Purity	99.0%

Note: These values are typical and are not intended for use as specifications.

APPLICATIONS

SiSiB® PC8311 is used as an intermediate in the synthesis of phenyl silicone resins and phenyl silicone fluids. These materials are particularly well-suited for high-performance coatings and electronic insulation applications that demand excellent thermal and oxidative stability.

PACKING

SiSiB® PC8311 is available in a two-layer PE plastic bag with an outer

SiSiB® PC8311 SILANE

cardboard drum.

STORAGE

SiSiB® PC8311 may be stored up to one year in a sealed container. Containers should be stored in a cool, dry and dark area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

NOTE

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.