

SiSiB[®] PC9911M40

Antimicrobial

SILANE QUATERNARY AMMONIUM SALT

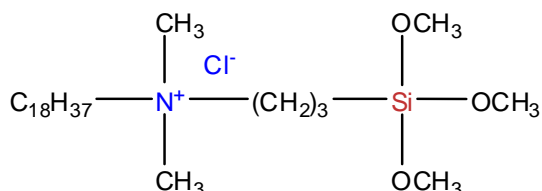
CHEMICAL NAME

3-(Trimethoxysilyl)propyldimethyloctadecyl-ammonium chloride
40% Methanol Solution

Synonym:

N,N'-dimethyl-n-octadecyltrimethoxysilylpropyl-ammonium chloride
40% Methanol Solution

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB[®] PC9911M40, 3-trimethoxysilylpropyldimethyloctadecyl ammonium chloride is compatible with virtually all substrates, including natural and synthetic fibers. It is colorless and odorless and durable for the life of the treated surface.

TYPICAL PHYSICAL PROPERTIES

CAS No.	27668-52-6
EINECS No.	248-595-8
Formula	C ₂₆ H ₅₈ ClNO ₃ Si
Molecular Weight	496.28
Boiling Point	Min. 35°C [760mmHg]
Flash Point	11°C
Color and Appearance	Yellowish clear liquid
Density _{25/25°C}	0.88
Active Concentrate	40%
Solvent	Methanol

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Different active concentrate or different solution (Ethanol, Isopropyl Alcohol) are also available.

APPLICATIONS

SiSiB[®] PC9911M40 antimicrobial can impart durable biostatic activity to the surface of a wide variety of substrates. Durable bacteriostatic, fungistatic and algistatic surfaces can be attained with a minimum amount of SiSiB[®] PC9911M40.

SiSiB[®] PC9911M40 is effective against mold, mildew and algae as a static agent.

SiSiB[®] PC9911M40 can provide freshness and combats deterioration and discoloration caused by bacteria, fungi and algae.

PACKING AND STORAGE

SiSiB[®] PC9911M40 is supplied in 20Kg plastic drum or 180Kg steel drum.

In the unopened original container SiSiB[®] PC9911M40 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.