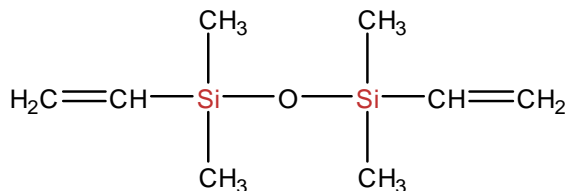


SiSiB[®] PC9401

1,1,3,3-Tetramethy-1,3-divinyldisiloxane

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB[®] PC9401 is a high purity 1,3-Divinyl Tetramethyl Disiloxane, it is a colorless to yellowish clear liquid.

TYPICAL PHYSICAL PROPERTIES

CAS No.	2627-95-4
EINECS No.	220-099-6
Formula	C ₈ H ₁₈ OSi ₂
Molecular Weight	186.40
Boiling Point	139°C [760mmHg]
Flash Point	24°C
Color and Appearance	Colorless transparent liquid
Density _{25/25°C}	0.818
Refractive Index	1.412 [20°C]
Min.Purity	99%

APPLICATIONS

SiSiB[®] PC9401 is primarily used as an end-capper in the production of vinyl end-capped siloxane polymers. The vinyl end-capped silicone polymers can be used in a wide variety of end use applications such as silicone rubber, sealants, coatings and cosmetics.

SiSiB[®] PC9401 is used as a linear inhibitor in the formulating of two-part Silicone RTV-2 Addition Curing systems.

Because of the large vinyl content, small amounts are very effective in retarding and controlling the working time or pot life of two-part Addition-Curing Silicone RTVs.

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Also, due to its boiling point of 139°C, it is easily volatilized during curing. A suggested starting formulation is to use 0.25 to 0.50 parts by weight of SiSiB[®] PC9401 with 100 parts of the Base polymer containing the platinum catalyst.

PACKING AND STORAGE

SiSiB[®] PC9401 is supplied in 160Kg steel drum.

In the unopened original container SiSiB[®] PC9401 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.