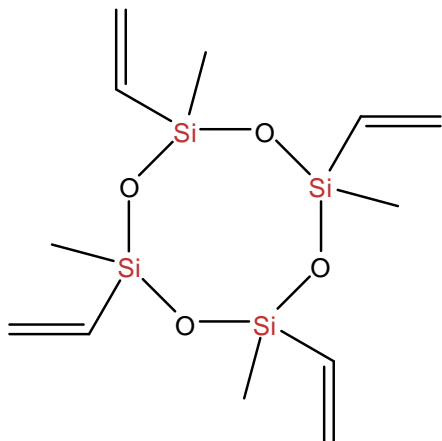


SiSiB[®] PC9110

2,4,6,8-Tetramethyl-2,4,6,8-tetravinyl-cyclotetrasiloxane

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB[®] PC9110 is a methyl vinyl cyclosiloxane.

TYPICAL PHYSICAL PROPERTIES

CAS No.	2554-06-5				
EINECS No.	219-863-1				
Formula	C ₁₂ H ₂₄ O ₄ Si ₄				
Molecular Weight	344.7				
Boiling Point	229°C [760mmHg]				
Flash Point	Min. 100°C				
Color and Appearance	Colorless transparent liquid				
Density _{25/25°C}	0.970-1.000				
Refractive Index	1.4300-1.4400 [20°C]				
Grade	PC9110A	PC9110B	PC9110C	PC9110D	PC9110E
Active Content	Min.99.5%	Min.99.5%	Min.99.0%	Min.98.0%	Min.98.0%
Vinyl Content	Min.30.3%	Min.30.0%	Min.29.8%	Min.29.5%	Min.29.3%
ViD3 Content	Max.0.2%	Max.0.25%	Max.0.30%	Max.0.30	Max.0.50%
ViD4 Content	Min.98.0%	Min.95.0%	Min.90.0%	Min.80.0%	Min.70.0%

ViD4: 2,4,6,8-tetramethyl-2,4,6,8-tetravinyl-cyclotetrasiloxane

ViD3: 2,4,6-trimethyl-2,4,6-trivinyl-cyclotrisiloxane

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APPLICATIONS

SiSiB[®] PC9110 is a very unique silicone raw material useful in the synthesis or manufacturing of reactive siloxane polymers with random vinyl functionality the backbone of the silicone polymer chain.

SiSiB[®] PC9110 may be used in formulating addition-curing silicone RTV or rubber formulations.

SiSiB[®] PC9110 is a very effective inhibitor for a platinum catalyzed addition-curing Two-Part RTV. When used as an inhibitor, SiSiB[®] PC9110 is normally added to the crosslinker part of the formulation. Its high boiling point and low evaporation rate provides an extremely stable working time at ambient temperatures of the formulated Two-Part RTV.

PACKING AND STORAGE

SiSiB[®] PC9110 is supplied in 180Kg steel drum or 900Kg IBC container.

In the unopened original container SiSiB[®] PC9110 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.