



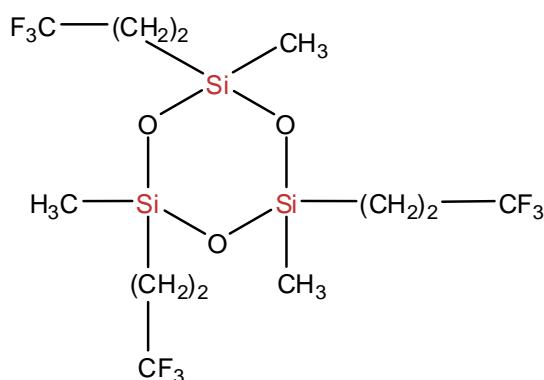
SiSiB[®] PC9718 SILOXANE

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CHEMICAL NAME

1,3,5-Trimethyl-1,3,5-tris(3,3,3-trifluoropropyl)-cyclotrisiloxane

CHEMICAL STRUCTURE



INTRODUCTION

SiSiB[®] PC9718 is also named as D3F, 1,3,5-tris(trifluoropropyl)trimethylcyclotrisiloxane, (3,3,3-Trifluoropropyl)methylsiloxane cyclic trimer.

TYPICAL PHYSICAL PROPERTIES

CAS No.	2374-14-3
EINECS No.	219-154-7
Formula	C ₁₂ H ₂₁ F ₉ O ₃ Si ₃
Molecular Weight	468.54
Boiling Point	95°C [3mmHg]
Flash Point	121°C
Melting Point	35°C
Color and Appearance	Translucent to white waxy solid
Density _{25/25°C}	1.240
Refractive Index	1.3710
Purity:	Min.99.5%

Power Chemical
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APPLICATIONS

SiSiB[®] PC9718 is used for manufacturing of fluorosilicone rubber (fluorinated silicone rubber, FSR), fluorosilicone fluid (fluorinated silicone fluid).

Fluorosilicone Rubber (fluorinated silicone rubber) has the basic silicone rubber properties of resilience, high/low temperature stability and resistance to aging and degradation from sunlight and ozone. The Aerospace Industry has a particular interest in Fluorosilicone compounds as they resist a series of silicate ester industrial coolants fluids. It is also resistant to jet fuel, engine oil, silicone oils and hydraulic fluids.

PACKING AND STORAGE

SiSiB[®] PC9718 is supplied in 220Kg steel drum.

In the unopened original container SiSiB[®] PC9718 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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