

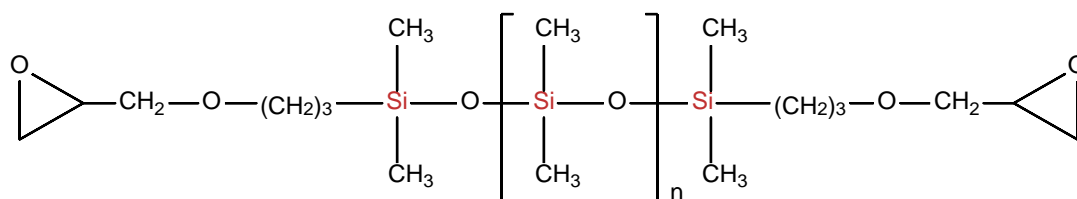
# SiSiB<sup>®</sup> EF9410

## Epoxy Terminated Silicone Fluid

### CHEMICAL NAME

Epoxypropoxypropyl terminated polydimethylsiloxane

### CHEMICAL STRUCTURE



### INTRODUCTION

SiSiB<sup>®</sup> EF9410 is a linear bifunctional epoxy-terminated silicone pre-polymer.

### TYPICAL PHYSICAL PROPERTIES

CAS No.	102782-97-8
Color and Appearance	Colorless clear liquid
Active Content	100%
Refractive Index	1.410~1.440
Density <sub>25°C</sub>	1.05~1.12

Product	M.W.	Viscosity cSt	Epoxy resin (eq/100g)
EF9410-3500	3500	67	0.0581
EF9410-6000	6000	145	0.0320
EF9410-8000	8000	190	0.0264
EF9410-10000	10000	270	0.0205
EF9410-12000	12000	320	0.0167
EF9410-13000	13000	400	0.0153
EF9410-15000	15000	500	0.0133
EF9410-20000	20000	850	0.0100
EF9410-22000	22000	1000	0.0091
EF9410-25000	25000	1350	0.0083

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EF9410-30000	30000	1850	0.007
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### APPLICATIONS

SiSiB<sup>®</sup> EF9410 can co-react with various alcohols, organic acids and amine-based polymers, and the products are used in coatings, plastics, resins and other applications to incorporate a silicone moiety into the polymer structure.

SiSiB<sup>®</sup> EF9410 is an important intermediate of silicone block copolymer silicone oil softener.

### PACKING AND STORAGE

SiSiB<sup>®</sup> EF9410 is supplied in 5Kg pail, 25Kg plastic drum and 200Kg steel drum.

In the unopened original container SiSiB<sup>®</sup> EF9410 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: [support@SiSiB.com](mailto:support@SiSiB.com).