

# DuPont™ Fluoroguard® SG

## Polymer Additive

Fluoroguard® SG is a colorless, odorless, nonflammable and chemically inert polymer compounding additive based on fluorinated synthetic oil (perfluoropolyether). Fluoroguard® SG meets the USP Plastics Class VI requirements for polymer additives (NAMSA tested). It has excellent color and UV/thermal stability. Added to plastics and elastomers, Fluoroguard®

improves the processing and performance of products. The major benefits are improved processibility, wear/abrasion resistance, lubricity, mar/scratch resistance, and surface quality. Fluoroguard® SG internally lubricates parts, offering excellent lubricity while not affecting chemical properties. Fluoroguard® SG is approved by NSF as an H-1 incidental contact food lubricant.

### Typical Parts of Fluoroguard® SG

Properties	Units/Conditions	Typical Values
Average Molecular Weight	—	4950
Viscosity	cSt at 50°C (122°F)	107
Volatility	22 hr at 121°C (250°F)	<1.0%
Density	g/mL at 23°C (74°F)	1.9
Surface Tension	dyn/cm at 26°C (79°F)	18
Refractive Index	nD25	1.3
Pour Point	°C (°F)	-36 (-33)
Appearance	—	Clear liquid

**This information is not intended to provide guidance in selecting the appropriate product for your application. To ensure the best product for your application please contact our Technical Service Department at 1-800-992-2424 (in Canada please call 1-800-323-4621).**

[www.miller-stephenson.com](http://www.miller-stephenson.com)

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