



# Fluoroguard® SG

polymer additive

Fluoroguard® SG is a colorless, odorless, non-flammable, and chemically inert polymer compounding additive based on fluorinated synthetic oil (perfluoropolyether). Fluoroguard® SG meets the USP Plastics Class VI requirements for polymer additives (NAMSAs 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.

### Typical Properties 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

**For more information or technical assistance,  
call the Fluoroguard® hot line at:**

**(800) 424-7502**

**or visit us on the Worldwide Web at:**

**<http://www.fluoroguard.com>**

The information set forth herein is furnished free of charge and is based on technical data that DuPont believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Because conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.

Fluoroguard® is a registered trademark of DuPont. Only DuPont makes Fluoroguard®.  
Copyright © 2001 E. I. du Pont de Nemours and Company. All rights reserved.