SHAMROCK *Lubricants and Grease*

Fluoro GS 115

PTFE Micropowder

Background:

Fluoro GS designates a series of powders that are made from unsintered, suspension grade virgin PTFE. The products in this series are characterized by the uniform, crystalline structure of PTFE with increased slip and abrasion properties.

Product Description:

Fluoro GS 115 is a high molecular weight PTFE that provides intermediate thickening efficiency in greases, and can be used for wear protection and boundary lubrication.

Industrial Applications:

This product can be used in aviation, military, and food grade grease applications for thickening and/or as an anti-wear additive.

Typical Properties	Method	Typical Values	Units
- Appearance:	Visual	White Odorless Powder	
- Specific Gravity:	ASTM D 2320	2.15	g/cm³
- Particle Size Mean Value:	QSOP 5	4 - 6	µm
- DSC Melting Point:	ASTM D 4591 (PTFE)	620 / 328	℉/℃
- Cone Penetration:	ASTM D 217 (Adapted)	310 - 340	1/10 mm
- 4 Ball Wear Scar:	ASTM D 2266	0.55 - 0.65	mm

Regulatory Status

All components of this product are listed on the TSCA (USA), DSL (Canada), AICS (Australia), Japanese, Korean, Chinese, Philippine, & New Zealand Chemical Inventories. EINECS (Europe): All components of this product (or its monomers) are listed in the European Chemical Inventory. FDA: This product meets the requirements of 21 CFR 177.1550. NSF certified HX-1 (No. 150426).

Safety, Shipping and Handling

For complete shipping, handling, health and safety information please contact your regional Customer Service Representative. Please contact them at your convenience for instructions and Safety Data Sheets. The contact information for all regions is below.

Corporate Headquarters
Foot of Pacific Street
Newark, NJ 17114
Phone: +1(973)242-2999

Henderson, KY
301 Community Drive
Henderson, KY 42420
Phone: +1(270)826-7006

Tongeren, Belgium
Heesterveldweg 21
B-3700 Tongeren Belgium
Phone: +32 1245 8330

Tianjin, China
Fty 5, Ave. 9, TEDA
Phone: +86 22 5981 3085

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