



8000 Virginia Manor Road  
Beltsville, MD 20705

#### SECTION 1 - PRODUCT IDENTIFICATION

## FluorN™ 712

#### SECTION 2 - INGREDIENTS

1. INGREDIENT	WT %	CAS NO.	ACGIH-TLV	OSHA-PEL	VAPOR PRESSURE IN mmHg
Perfluoroalkyl Stearate	100	PROPRIETARY	NE	NE	NE

The components of this product are in compliance with the chemical notification requirements of TSCA. All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS.

This product does not contain PFOA, PFOS or related compounds. RoHS & WEEE compliant.

#### SECTION 3 - PHYSICAL DATA

BOILING POINT	>200° C	VAPOR PRESSURE	NA
VAPOR DENSITY	NA	EVAPORATION RATE	NA
SOLUBILITY IN WATER	nil	SPECIFIC GRAVITY	ND
PERCENT VOLITILE	zero	VISCOSITY	ND
APPEARANCE	waxy white solid	ODOR	slight sweet

#### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	ND
AUTO IGNITION TEMP.	ND
FLAMMABILITY LIMITS	ND
EXTINGUISHING MEDIA	WATER, FOAM, CO2, DRY CHEMICAL
UNUSUAL HAZARDS	Thermal decomposition above 250° C may produce dangerous halogenated products, including HF.
STABILITY	Stable at room temperature. Hazardous polymerization will not occur.
INCOMPATIBILITY	Avoid chemically active metals: Ca, Zn, etc.

SPECIAL FIREFIGHTING PROCEDURES - Do not enter fire area without proper protection.

Fight fire from safe distance/protected location. Use water spray/fog for cooling.

The use of self-contained breathing apparatus is recommended for fire fighters.

#### SECTION 5 - HEALTH HAZARDS

ACUTE HAZARDS: SLIGHT  
CHRONIC HAZARDS: SLIGHT  
CARCINOGENS: NONE

#### SECTION 6 - PROTECTIVE EQUIPMENT & CONTROL MEASURES

EYES	As a good industrial hygiene practice, chemical splash goggles should be worn.
SKIN	Gloves should be worn.
INHALATION	At elevated temperatures NIOSH/MSHA approved respiratory protection equipment should be used. <b>DO NOT SMOKE WHILE USING THIS PRODUCT.</b>
ENGINEERING	As a good industrial hygiene practice, aerosol/vapor generation may require local exhaust ventilation.
HYGIENE	As a good industrial hygiene practice, wash hands thoroughly before eating, drinking, smoking.

#### SECTION 7 - SUGGESTED FIRST AID

EYES	Flush with plenty of water. Call a physician.
SKIN	Wash affected area with soap and water.
INHALATION	If overcome by exposure to decomposition products, remove to fresh air. Call a physician immediately.
INGESTION	Call a physician immediately.

#### SECTION 8 - SPILL AND DISPOSAL

Collect with absorbant. Ventilate area. Dispose in accord with applicable local, state and federal regulations. Recover if possible. May be incinerated in the presence of combustable materials.

#### SECTION 9 - PRECAUTIONARY INFORMATION

WARNING: DO NOT SMOKE WHILE USING THIS PRODUCT.

#### SECTION 10 -TRANSPORTATION

DOT REGULATIONS: Not Regulated

#### SECTION 11 - DISCLAIMERS

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. This MSDS has been prepared in accordance with the requirements of the OSHA HAZARD COMMUNICATION SYSTEM (29 CFR 1200).