

MATERIAL SAFETY DATA SHEET

Palmetto, Inc.
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MATERIAL IDENTIFICATION

#123GFO, #1386, #1389, #1390, #123Z, #1382, #VA1389, #1362

INGREDIENTS

	CAS #
Polytetrafluoroethylene	9002-84-0
Graphite	7782-42-5
Silicone	63184-62-9

PHYSICAL DATA

Melting Point: 342 deg C; 650 deg F
Water Solubility: Insoluble
Odor: None
Appearance: Black, rope-like appearance

FIRE AND EXPLOSION HAZARDS

Flash Point: Does not flash
Polytetrafluoroethylene will burn in an atmosphere of 95% oxygen when an ignition source is present.

Fire Hazards: Hazardous gases/vapors produced in a fire are Hydrogen Fluoride (HF), carbonyl fluoride, carbon monoxide.

Extinguishing Media:
Water, foam, dry chemical, CO2.

Special Fire Fighting Instructions:
Does not burn without an external flame. Wear self-contained breathing apparatus and protective clothing to protect from hydrogen fluoride fumes which react with water to form hydrofluoric acid.

REACTIVITY DATA

Instability - Stable at normal temperatures and storage conditions. May react with molten alkali metals.

HEALTH HAZARD INFORMATION

Routes of Entry:

INGESTION-No

SKIN-No

EYES-Mechanical irritation only.

INHALATION- Inhalation of dust from this product may cause cough, dyspnea, black sputum. However, normal usage of this product does not generate dust.

Inhalation of fumes from overheating or burning, or from smoking tobacco or cigarettes contaminated with polytetrafluoroethylene dust, may cause Polymer Fume Fever, a flu-like illness with chills and fever. Symptoms may be delayed until several hours after exposure, and then go away in 24-48 hours even in the absence of treatment.

CHRONIC EFFECTS: Prolonged or repeated breathing of graphite dust can result in pneumoconiosis. Normal usage of this product does not generate dust.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Graphite dusts can aggravate diseases of the respiratory and cardiovascular systems.

CARCINOGENICITY: None of the components in this material are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.

EXPOSURE LIMITS:

Graphite—OSHA PEL: 15 mppcf

ACGIH TLV: 2.5 mg/M3 respirable dust

Polytetrafluoroethylene – None established

Silicone—None established

PEL = Permissible Exposure Limit

TLV = Threshold Limit Value

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INHALATION:

EYE CONTACT: Flush eyes with water.

INGESTION: Not likely to be hazardous by ingestion.

PROTECTION INFORMATION

Personal protective equipment not likely to be needed with this product.

WASTE DISPOSAL

Preferred option for disposal is landfill. Incinerate only if incinerator is capable of scrubbing out hydrogen fluoride and other acidic combustion products. Disposal should be in accordance with applicable federal, state, and local regulations.

SHIPPING DATA

DOT Proper shipping name: Not regulated

Hazard Class: Not regulated

TITLE III HAZARD CLASSIFICATION

This product contains no known toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.

ADDITIONAL INFORMATION

T.S.C.A. status: On inventory

Graphite is electrically conductive—prevent contamination of electrical devices.

State Right-to-know laws:

Pennsylvania, Hazardous materials present: Polytetrafluoroethylene

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