

MATERIAL SAFETY DATA SHEET

Palmetto, Inc.
Subsidiary of Greene Tweed & Co.
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Denton, Maryland 21629

Emergency Telephone:
(410) 479-2244

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MATERIAL IDENTIFICATION

1350, 1364,1367SK

INGREDIENTS

CAS #

Polytetrafluoroethylene

9002-84-0

KEVLAR Fiber

None

Percentages of ingredients are proprietary information. This information will be provided to a medical professional in the event of an emergency.

PHYSICAL DATA

Melting Point: Not Applicable

Water Solubility: Insoluble

Odor: None

Appearance: Yellow, square, 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. Reacts with molten alkali metals and interhalogen compounds.

HEALTH HAZARD INFORMATION

Routes of Entry:

INGESTION-No

SKIN-Mechanical irritation only from dusts generated from this material.

EYES-Mechanical irritation only from dusts generated from this material.

INHALATION-Yes. Mechanical irritation only from dusts generated from this material.

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 not occur for several hours after exposure, and go away in 24-48 hours even in the absence of treatment.

CHRONIC EFFECTS: None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

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

EXPOSURE LIMITS:

Polytetrafluoroethylene—None established

KEVLAR fiber—None established

PEL = Permissible Exposure Limit

TLV = Threshold Limit Value

HMIS (Hazardous Materials Identification System) Rating:

Health-1

Flammability-1

Reactivity-0

FIRST AID

INHALATION: Move to fresh air.

SKIN CONTACT: Wash with soap and water.

EYE CONTACT: Flush eyes with water.

INGESTION: Not likely to be hazardous by ingestion.

PROTECTION INFORMATION

Personal protective equipment generally not needed with this material.

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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