



MATERIAL SAFETY DATA SHEET

(Complies with OSHA Communication Standard 29 CFR 1910.1200 Dept. of Labor)
Form approved OMB No. 1218-0072
OSHA 174 - September 1985

HMIS RATING

| | |
|--------------|--|
| HEALTH | |
| FLAMMABILITY | |
| REACTIVITY | |

IDENTITY:

PTFE Tape Thread Sealant

NFPA RATING

| | |
|--------------|--|
| HEALTH | |
| FLAMMABILITY | |
| REACTIVITY | |

Marketer's Name Must Appear Below

DOT Shipping

Manufacturer's Name

Plastic Process Equipment, Inc.

Emergency Telephone Number

800-537-7139

Address

8303 Corporate Park Drive

Telephone Number for Information

(216)-367-7000

Macedonia, Ohio 44056

Date Prepared

2/16/11

| Hazardous Components(Specific Chemical Identity, Common Name(s)) | OSHA PEL | ACGIH TLV | STEL | %(Optional) |
|--|----------|-----------|------|-------------|
| Polytetrafluoroethylene (9002-84-0) | | | | 100 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

PTFE tape, as such, is not a hazardous material. It is a processed solid polymer, temperature range -450F to +500F

All chemical compounds marked with an asterisk () are toxic chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet.

| | | | |
|--------------------------------|-----------|--|------------------|
| Boiling Point (Range) | N/A | Specific Gravity (H₂O = 1) | 2.1 to 2.2 |
| Vapor Pressure @ 70°F | N/A | Melting Point | 341C (642F) |
| Vapor Density (Air = 1) | N/A | Evaporation Rate (Butyl Acetate = 1) | |
| Solubility in Water | Insoluble | Appearance and Odor | White, odorless. |

Section 4- Fire and Explosion Hazard Data

| | | | | | |
|---|--|-------------------------|-----|------------|------------|
| Flash Point (Method Used) | N/A | Flammable Limits | N/A | LEL | UEL |
| Extinguishing Media | N/A Use media suitability for surrounding fire | | | | |
| Special Fire Fighting Procedures | Self-contained breathing apparatus with full facepiece & protective clothing if involved with other materials. | | | | |
| Unusual Fire and Explosion Hazards | Product will emit toxic fumes at high temperatures (750F+) | | | | |

Section 5- Reactivity Data

| | | | |
|-----------|----------|---|---|
| Stability | Unstable | | Conditions to Avoid Heating above 750F for prolonged periods of time. |
| | Stable | X | |

Incompatibility (Materials to Avoid) Molten alkali metals; interhalogen compounds.

Hazardous Decomposition or Byproducts See section 4.

| | | | |
|--------------------------|----------------|---|-------------------------|
| Hazardous Polymerization | May Occur | | Conditions to Avoid N/A |
| | Will not Occur | X | |

Section 6- Health Hazard Data

| | | | |
|--------------------|-----------------------------|------------|-----------------|
| Route(s) of Entry: | Inhalation? None | Skin? None | Ingestion? None |
| | Eyes? Mechanical irritation | | |

Health Hazards (Acute & Chronic)
 Acute: flu-like transient sickness
 Chronic: Could be fatal

| | | | |
|-----------------|------|------------------|-----------------|
| Carcinogenicity | NTP? | IARC Monographs? | OSHA Regulated? |
| | | | |

Signs and Symptoms of Exposure Flu-like fever

Medical Conditions Respiratory inflammation

Emergency and First Aid Procedures
 Move to fresh air; refer to physician.

Section 7- Precautions for safe handling and use

Steps to be Taken in Case Material is Released or Spilled Sweep up to prevent slippage.

Waste Disposal Method Confirming to all applicable regulations

Precaution to be Taken in Handling and Storing No unusual precautions

Other Precautions None

Section 8- Control measures

Respiratory Protection (Specific Type) Not needed

| | | |
|-------------|---------------------------------|------------------|
| Ventilation | Local Exhaust Not needed | Special N/A |
| | Mechanical (General) Not needed | Other Not needed |

Protective Gloves Not needed **Eye Protection** Not needed

Other Protective Clothing or Equipment Not needed

Work/Hygienic Practices No smoking while handling material