

# AMERICAN PLASTICS

800-772-7401

## Material Safety Data Sheet

**SUPPLIER NAME:** AMERICAN PLASTICS (800)772-7401  
525 113th STREET ARLINGTON, TX 76011

**COMMERICAL PRODUCT NAME:** TEFLON FILM  
**Typical O&P Uses:** Oven Lining Sheets

**CHEMICAL CONSTITUTION OF PRODUCT:** Polytetrafluoroethylene CAS#9002-84-0  
TLV (ACGIH) - Not Listed

### PHYSICAL PROPERTIES:

**Vapor Pressure mmHg @ 20° C:** N/A  
**Vapor Density (air=1):** N/A  
**% Volatile by volume:** No Data  
**Melting Point:** 325° - 330° C  
**Solubility in Water:** Insoluble  
**Specific Gravity:** 2.15 - 2.20  
**Appearance:** Rolls / Sheets  
**Color:** White (Natural)  
**Odor:** Odorless

### HEALTH HAZARD DATA:

**General:** Toxicity information is not available for these composites. The health hazard assessment is based on information available for their components.

**First Aid Procedures:** Flush affected area with copious amounts of water. Consult a physician.

**Effects of Overexposure:** Heating this material to temperatures above 500°F can product harmful fumes: above 800°F the fumes are very toxic.

**Inhalation of Decomposition Fumes:** Remove victim to fresh air. Consult a physician. (Note to Physician: Inhaling fumes of decomposition products can induce temporary influenza-like symptoms which are described as "polymer fume fever"; these symptoms include fever, cough and malaise.)

### FIRE AND EXPLOSION HAZARD DATA:

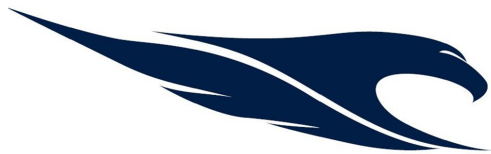
**Flash Point (and method):** N/A  
**Flammability Limits:** No Data  
**Extinguishing Media:** Water, water fog, CO<sub>2</sub>, or chemical foam.  
**Unusual fire and explosion hazards:** Product will emit toxic fumes at high temperatures.  
**Special fire fighting protective equipment:** Self-contained breathing apparatus recommended.

### REACTIVITY DATA:

**Stability:** Stable under normal conditions. Hazardous polymerization will not occur.

**Incompatibility:** No incompatible materials known.

**Hazardous Decomposition Products:** Toxic Thermal Decomposition Gases: tetrafluoroethylene (from 800° F), hexafluoropropylene (from 825°F), perfluoroisobutylene (from 885°F), and carbonyl fluoride (from 930°F.)



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**TEFLON FILM MSDS CONTINUED**

**SPILL OR LEAK PROCEDURES:**

**Steps to be taken in case material is released or spilled:**

Sweep up spilled material and shovel into waste container. Wear respiratory protection during clean-up.

**Disposal Method:**

Discarded product is not a hazardous waste under RRA 40 CFR 261. Do not incinerate. Use normal waste disposal.

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**SPECIAL PROTECTION INFORMATION:**

**Ventilation:**

Provide local exhaust.

**Respiratory Protection:**

Not normally needed if controls are adequate. Below 500 °F only, use MSHA NIOSH approved respirator for dusts, mists, and fumes with TLV not less than 0.05 mg/m<sup>3</sup>.

Above 500°F, use a positive-pressure self-contained breathing apparatus.

**Other Protective Equipment:**

Adequate gloves and clothing to prevent skin contact. Safety glasses and/or goggles are recommended.

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**SPECIAL PRECAUTIONS:**

Enforce NO SMOKING rule in areas where PTFE is handled or stored. Wash hands after handling to avoid transfer of PTFE onto cigarettes and tobacco.