

.009 PTFE LAMINATE



Material Safety Data Sheet

January 2015

.009 PTFE Laminate Industrial Product

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	PTFE Laminate
MSDS Prepared By	Siftex Equipment Company Inc.

2. HAZARD IDENTIFICATION

Inhalation: Inhalation of fumes from burning or heating about 600° F (315°C) can cause polymer fume fever.

Skin: No effect.

Eyes: Not a likely route of entry.

Ingestion: Not a likely route of entry. No effects requiring first aid are expected during normal use.

3. INGREDIENTS

Chemical Name:	CAS No.	Wt%
Polytetrafluoroethylene (PTFE)	9002-84-0	99+
Pigment	NA	Trace

4. FIRST AID MEASURES

Inhalation: Remove from further exposure. If cough or other symptoms develop, seek medical attention.

Skin Contact: If skin becomes irritated, do not rub or scratch. Wash the affected area with soap and water.

Eye Contact: If eyes become irritated, flush immediately with lukewarm water for 15 minutes.

Ingestion: Drink plenty of water to reduce irritation. If irritation persists, seek medical attention.

5. FIRE FIGHTING MEASURES

Auto-ignition point: 900 °F (315°C)

Extinguishing media: Water

Special fire fighting protective equipment: Self-contained breathing apparatus with full face piece and protective clothing if involved in a fire of other materials.

Unusual fire and explosion hazards: Product will emit toxic fumes at high temperatures.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled: Material is a solid. Pick up the larger pieces and wet sweep or vacuum up any scraps. Place in a suitable container for disposal as a non-hazardous waste.

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7. HANDLING AND STORAGE

Handling: Handle in a manner consistent with good and safe industrial techniques and practices.

Storage: Store in cool, dry conditions.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits: Polytetrafluoroethylene (PTFE) NONE

Pigment NONE

Ventilation: Use local exhaust or general room dilution to maintain employee exposures below occupational exposure limits.

Respiratory Protection: Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

Eye Protection: As generally good practice, safety glasses with side shields should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling point: None

Specific gravity: 2.16

Softening point: Not applicable

Melting point: Not applicable

Vapor density: Not applicable

Percent volatile: Not applicable

Evaporation rate: Not applicable

Solubility in water: Not applicable

Odor-appearance-color: PTFE/fiberglass composite

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility (material to avoid): Molten alkali metals, interhalogen compounds, and some kind of amines.

Hazardous decomposition products: Thermal decomposition may produce toxic and corrosive gaseous products.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Immediate (acute) effects: No acute effects have been identified.

Delayed effects: No delayed or chronic effects have been identified.

Inhalation: During normal handling conditions, inhalation in excess of the exposure limits is not likely to occur.

Inhalation of thermal decomposition products including hydrogen fluoride, perfluoroisobutylene, and carbonyl fluoride may be produced. Inhalation may result in serious lung irritation. Symptoms of exposure may include chills,

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headache, nausea, and breathing discomfort, cough, or sore throat (polymer fume fever). These symptoms generally disappear within 24-48 hrs.

12. ECOLOGICAL INFORMATION

This product has no known eco-toxicological effects. It is considered to be an inert solid waste.

13. DISPOSAL CONSIDERATIONS

Waste disposal method: Can be landfilled in compliance with provincial and local environmental control regulations. Do not incinerate unless incinerator is capable of scrubbing hydrogen fluoride and other acidic combustion products. Dispose of as any other innocuous material. Product is not considered a hazardous waste.

14. TRANSPORT INFORMATION

Not regulated per ADR/RID, IMDG and IATA.

15. REGULATORY INFORMATION

311/312 Hazard Categories: None

Manufactured in accordance with EC Commission Directive 1907/2006 (REACH) (Article 31, Annex II)

Disclaimer: The data provided is intended as a guide only and should not be interpreted as a warranty. It is not intended to be used to determine the suitability of the product for any specific customer application. Siftex strongly suggests that each customer thoroughly test the prospective product in their own manufacturing facility to determine the actual suitability of the product in their specific application.