

# Teflex NP (Black)

- 1. PRODUCT IDENTIFICATION:**
- Product Name:** PTFE Laminate (Conductive)
- Trade Names & Synonyms:** Teflex NP Black
- 2. HAZARDS IDENTIFICATION:**
- EMERGENCY OVERVIEW**
- No unusual conditions are expected from this product. Inhalation of the thermal decomposition products, arising from high temperature or fire, is hazardous to health.
- Inhalation:** Inhalation of fumes from burning or heating above 600°F (315°C) can cause polymer fume fever.
- Eyes:** Not a likely route of entry.
- Ingestion:** Not a likely route of entry. Ingestion can cause gastrointestinal tract irritation.
- 3. COMPOSITION/ INFORMATION ON INGREDIENTS:**
- | Chemical Name:                 | CAS No.   | Wt % |
|--------------------------------|-----------|------|
| Polytetrafluoroethylene (PTFE) | 9002-84-0 | 98%  |
| Carbon Black                   | 1333-86-4 | 2%   |
- 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:**
- Autoignition point:** 900°F (482°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 with 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.
- 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/  
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 composite

**10. STABILITY AND REACTIVITY:**

**Stability:** Stable  
**Incompatibility (material to avoid):** Strong oxidizers, acids, and bases  
**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, headache, nausea, and breathing discomfort, cough, or sore throat (polymer fume fever). These symptoms generally disappear with 24-48 hours.

**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:** **TSCA STATUS:** All ingredients are TSCA listed.

**311/312 HAZARD CATEGORIES:** None.

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

**16. OTHER INFORMATION:** This information is supplied in good faith and is based on information currently available.

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