



## MATERIAL SAFETY DATA SHEET

Revised: 9/8/10

### 1. PRODUCT AND COMPANY INFORMATION

Product Names: NEPTCO PET/Aluminum Foil Laminate Product 1001C

Chemical Name: Polyethylene Terephthalate (PET) Film with Carbon Adhesive

Company Information:

NEPTCO Incorporated  
30 Hamlet Street  
Pawtucket, RI 02861  
(401) 722-5500

Product Information: 401-722-5500

Emergency Information: 800-451-8346

### 2. HAZARDOUS INGREDIENTS & EXPOSURE LIMITS

This film contains low levels of Carbon Black (CAS #1333-86-4) immobilized in the polymer matrix. Under normal conditions, exposure is not expected. However, machining, grinding, or other dust-creating conditions should be monitored and respirable dust and particulate exposure maintained below established exposure limits.

Established Exposure Limits for Carbon Black in the U.S. are:

ACGIH TLV = 3.5mg/mg3  
OSHA PEL = 3.5mg/mg3  
ACGIH = American Conference of Governmental Industrial Hygienists  
OSHA = Occupational Safety and Health Administration

### 3. HAZARD IDENTIFICATION

Exposure Limits: See section 2

Cancer Information: Contains no NTP (National Toxicology Program) or OSHA listed carcinogens.

Primary Route of Exposure: Skin contact and inhalation.

Effects of Overexposure: It is unlikely that any potential health hazards will be expressed.

### 4. FIRST AID MEASURES

It is not anticipated that any first-aid requirements will be necessary from normal industrial handling of this material.

### 5. FIRE AND EXPLOSION HAZARD DATA

This material will burn if exposed to flame. Fire fighters should protect themselves from combustion products that may include hydrogen chloride, carbon dioxide, carbon monoxide and other toxic gases. Wear self-contained breathing apparatus and complete personal protective equipment when potential for exposure to products of combustion exists. Fire and extinguishing media include water, carbon dioxide, foam or dry chemical.

**NEPTCO PET/Aluminum Foil Laminate Product 1001C****6. ACCIDENTAL RELEASE MEASURES**

Spill and Leak Procedures: Broken pieces, cuttings, or other debris should be swept or vacuumed.

**7. STORAGE**

Store in cool, dry, and ventilated area. Protect against physical damage.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Appropriate Hygienic Practices: Wash thoroughly after handling, and before eating, drinking or smoking.  
Personal Protective Equipment: Not normally required for normal industrial handling

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance and Odor:	Silver on one side, black on opposite side. No odor.
Boiling Point (°F):	N/A
Vapor Pressure (mm Hg):	N/A
Vapor Density (Air = 1):	N/A
Solubility in Water:	Insoluble
Specific Gravity:	Avg. 1.7
Volatile (Wt.) %:	< 1
pH:	N/A
Evaporation Rate:	N/A
Melting Point:	N/A

**10. STABILITY AND REACTIVITY**

Chemical Stability:	Stable
Incompatibilities:	None reasonably foreseeable
Decomposition Products:	Via incomplete combustion only (see Section 5)
Polymerization:	Will not occur
Conditions to Avoid:	None expected

**11. TOXICOLOGICAL INFORMATION**

Not available at this time

**12. ECOLOGICAL INFORMATION**

Not available at this time

**13. DISPOSAL CONSIDERATIONS**

Used or unused product should be disposed of in accordance with Federal, State, or Local laws or Regulations.

**NEPTCO PET/Aluminum Foil Laminate Product 1001C**

**14. TRANSPORT INFORMATION**

USDOT: Not Regulated

**15. REGULATORY INFORMATION**

Regulatory References:

- OSHA: Occupational Health and Safety Administration
- NTP: National Toxicology Program
- USDOT: United States Department of Transportation
- TSCA: Toxic Substances Control Act (USA)
- SARA: Superfund Amendments and Reauthorization Act

**16. OTHER INFORMATION**

The information presented in this MSDS was obtained from sources which NEPTCO believes are reliable; however, the information is provided without any representation or warranty, expressed or implied, regarding accuracy or correctness.

**DISCLAIMER:**

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