



MATERIAL SAFETY DATA SHEET

Issued: 5/19/08

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

Chemical: Polyethylene Terephthalate (PET) Film with Carbon Adhesive

Supplier: NEPTCO Incorporated
30 Hamlet Street
Pawtucket, RI 02861

Product Information: 1-401-722-5500

Emergency Information: 1-800-451-8346

I. 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

II. PHYSICAL DATA

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

III. FIRE AND EXPLOSION HAZARD DATA

This material will burn if exposed to flame. Fire fighters should protect themselves from combustion products that may include carbon dioxide, carbon monoxide, oxides of sulphur, organic products of decomposition, 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.

IV. STABILITY AND REACTIVITY

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

V. HEALTH HAZARD DATA

Exposure Limits:	See Section I
Toxicity Data:	N/A
Cancer Information:	Contains no NTP or OSHA listed carcinogens. NTP = National Toxicology Program
Primary Route of Exposure:	Skin contact and inhalation.
Effects of Overexposure:	It is unlikely that any potential health hazards will be expressed.
Emergency First Aid Procedures:	It is not anticipated that any first-aid requirements will be necessary from normal industrial handling of this material.

VI. APPLICABLE CONTROL MEASURES

Appropriate Hygienic Practices:	Wash thoroughly after handling, and before eating, drinking, or smoking.
Personal Protective Equipment:	Not normally required.
Spill and Leak Procedures:	Broken pieces, cuttings, or other debris should be swept or vacuumed.
Waste Disposal:	Used or unused product should be disposed of in accordance with Federal, State, or Local laws or regulations.

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