

# Material Safety Data Sheet

Revised June 21, 2011

## 1-PRODUCT AND COMPANY INFORMATION

Common Name, Trade Name, or Specification:

Expanded PTFE Sealing Tape

Lewco Specialty Products, Inc.

6859 Renoir Ave., Baton Rouge, LA 70806

Company Telephone No.: 225-924-3221

Company FAX: 225-927-2918

## 2-IDENTIFICATION INFORMATION

CAS

COMPONENT	NUMBER	%	OSHA PEL	ACGIH TLV
Rubber	None	<25	N/A	N/A
PTFE Binder	None	<50	N/A	3ppm(HFI)/2ppm(CFI)

## 3-HAZARDS IDENTIFICATION

Carcinogenicity	NTP Listed	IARC Listed	NIOSH Listed	OSHA Listed
Rubber	No	No	No	No
PTFE Binder	No	No	No	No

## 4-FIRST AID MEASURES

**Inhalation:** Move to fresh air. Obtain medical attention.

**Eyes:** Flush with water to remove particulate. Obtain medical attention.

**Skin:** Wash thoroughly with soap and water. If persistent irritation develops, obtain medical attention.

**Ingestion:** Obtain medical attention.

## 5-FIRE FIGHTING MEASURES

**Auto-ignition Temperature:** This product is inherently flame resistant.

**Flammable Limits in Air:** % in Air by Volume: **LEL:** N/A **UEL:** N/A

**Extinguisher Media:** Carbon dioxide, chemical, or foam

**Special Firefighting Procedure:** Material in or near fires should be cooled with a water spray or fog. A self-contained breathing apparatus, operating in the positive pressure mode, and full fire fighting protective clothing should be worn for combative fires.

**Unusual Fire and explosion Hazards:** Thermal decomposition or combustion may produce dense smoke, oxides of carbon, and low molecular weight organic compounds whose composition has not been characterized.

## **6-ACCIDENTAL RELEASE MEASURES**

If a release of dust occurs during machining, abrading, or riveting, remove dust by vacuuming or wet mopping. Vacuums used for this purpose should be equipped with HEPA filters. Do not use compressed air to blow dust from the workplace.

## **7-HANDLING AND STORAGE**

Shipping and storage may result in accumulation of dust in shipping containers. If this occurs, dispose of the container in an airtight polyethylene bag (see disposal instructions below) or remove dust by vacuuming or wet mopping. Vacuums used for this purpose should be equipped with HEPA filters. Do not use compressed air to blow dust from storage containers.

## **8-EXPOSURE PREVENTION MEASURES**

**Respiratory Protection:** Use NIOSH-approved respirator if exposure to dust, vapors, or fumes in concentrations exceeding PEL's or TLV's possible. (See 29 CFR 1910.134 for respiratory protection standards)

**Ventilation:** Any operations which may produce dust, including machining, grinding, riveting, or abrading of this product, should be adequately exhausted to prevent inhalation of dust.

**Personal Protective Equipment:** Suitable respiratory protection should be worn if dust exposure is possible. All regulations and safe practices related to the use of respiratory protection must be observed. Refer to OSHA standards and NIOSH guidelines. If skin irritation occurs, gloves and other protective garments may be worn.

## **9-PHYSICAL AND CHEMICAL PROPERTIES**

Melting Point-None      Solubility in water-Insoluble      Order-None

Color-White              Specific Gravity-1.0-1.5      Form-Solid

## **10-STABILITY AND REACTIVITY**

**Stability:** Stable at normal temperatures and storage conditions

**Incompatibility:** None

**Hazardous Decomposition Products:** None

**Hazardous Polymerization:** Will not polymerize. This product is fully cured in the manufacturing process.

## **11-TOXICOLOGICAL INFORMATION**

### **RUBBER(Powdered)**

**Inhalation hazards-**May cause mild irritation of respiratory tract. Repeated and prolonged

inhalation of dust may lead to a benign pneumoconiosis. This condition may cause some lung function impairment but is reversible with reduced exposure. Other hazards-Eyes-may cause mild transient eye irritation.

### **PTFE(Teflon)**

Inhalation of fumes from overheating PTFE may cause polymer fume fever, a temporary flu-like illness with fever, chills, and sometimes cough, of approximately 24 hours duration. Smokers should avoid contamination of tobacco products, and should wash their hands before smoking. Small amounts of carbonyl fluoride and hydrogen fluoride may also be evolved when PTEF is overheated or burned.

Inhalation of low concentrations of Hydrogen Fluoride can initially include symptoms of choking, coughing, and severe eye, nose and throat irritation. Possibly followed after a symptomless period of 1 to 2 days by fever, chills, difficulty in breathing, cyanosis, and pulmonary edema. Acute or chronic overexposure to HF can injure the liver and kidneys.

Inhalation, ingestion, or skin or eye contact with Carbonyl fluoride may initially include: skin irritation with discomfort or rash; eye corrosion with corneal or conjunctival ulceration; irritation of the upper respiratory passages; or temporary lung irritation effects with cough, discomfort, difficulty breathing, or shortness of breath.

Individuals with preexisting diseases of the lungs may have increased susceptibility to the toxicity of excessive exposures from thermal decomposition products.

### **12-ECOLOGICAL INFORMATION**

No ecological test data has been developed. Impact to aquatic, terrestrial and air environmental media is judged as insignificant

### **13-DISPOSAL CONSIDERATIONS**

Disposal of solid waste is regulated by law. Waste should be placed in airtight containers, and disposed of properly. Contact local regulatory agency for guidance.

### **14-TRANSPORT INFORMATION**

Not regulated as a hazardous material by DOT (China Department of Transportation) or IMO.

Ship in sealed boxes appropriately rated for weight capacity

### **15-REGULATORY INFORMATION**

Labor Safety and Health Act

Waste Disposal Act

### **16-OTHER INFORMATION**

The information and recommendations set forth herein are taken from sources believed to be

accurate as of the information or the suitability of the recommendations, and assumes no liability, including direct, incidental or consequential damages for any reliance thereon.

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