

# MATERIAL SAFETY DATA SHEET

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Date Prepared: 6/8/09

MSDS No: **1453 - 5 mil lead foil tape**

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## 1. Chemical Product and Company Identification

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Product Identifier: **1453**Product Code: **1453**

Manufacturer:  
**Venture Tape Corp**  
30 Commerce Road  
Rockland, MA 02370

Emergency Telephone Numbers:  
**781-331-5900 ext. 226**  
**1-800-343-1076**

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## 2. Composition/Information on Ingredients

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COMPONENTS	Wt. %	CAS RN
Lead foil	70.0	7439-92-1
Rubber adhesive	20.0	N/A
Release liner	10.0	N/A

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## 3. Hazards Identification

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### Emergency Overview:

Lead – Solid. Silvery to gray color. Odorless. Non-flammable as supplied. Dust from processing may be ignitable.

Explosion/fire hazards may be present when:

Dust or fines are dispersed in the air.

Molten metal in contact with water/moisture.

Dust and fume processing can cause irritation of eyes, skin, and upper respiratory tract, lung disease, and other systemic effects.

**Potential Health Effects** (direct contact or if processing generates vapors or mists):

Eyes: Can cause irritation.

Skin: Can cause irritation.

Inhalation: Can cause irritation of upper respiratory tract, nerve damage, liver damage, and other health effects listed below. Cancer and reproductive hazard.

Acute overexposures can cause nausea and muscle cramps.

Chronic overexposures can cause weakness in the extremities (peripheral neuropathy), abdominal cramps, and other gastrointestinal tract effects, kidney damage, liver damage, central nervous system damage, damage to blood forming organs, blood cell damage, and reproductive harm. Can cause reduced fertility and fetal toxicity in pregnant women.

Medical conditions aggravated by exposure: asthma, chronic lung disease, and skin rashes.

Listed as possibly carcinogenic to humans by IARC (Group 2B).

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#### 4. First Aid Measures

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Eyes: Flush eyes with plenty of water or saline for 15 minutes. Consult a physician.

Skin: Flush skin with soap and water for at least 15 minutes. Consult a physician if irritation persists.

Ingestion: If swallowed, dilute by drinking large amounts of water. Do not induce vomiting. Consult a physician immediately.

Inhalation: Remove to fresh air. If unconscious or severely injured, check for clear airway, breathing, and presence of pulse. Perform CPR if there is no pulse or respiration. Consult a physician.

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#### 5. Fire Fighting Measures

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This product does not present fire or explosion hazards as shipped. Dust clouds generated during processing may be explosive.

May be a potential hazard under the following conditions:

Dust or fines may be explosive.

Molten metal in contact with water/moisture.

Fire Extinguishing Media: Foam, dry chemical, or water.

Fire fighters should wear NIOSH approved, positive pressure, self-contained breathing apparatus, and full protective clothing when appropriate.

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## 6. Accidental Release Measures

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If molten, contain spill using dry sand or salt flux as dam. Allow the spill to cool before remelting as scrap.

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## 7. Handling and Storage

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Store at room temperature and keep dry. Avoid contact with sharp edges or heated metal. Avoid generating dust. Do not eat, drink, apply cosmetic, or smoke when handling or using.

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## 8. Exposure Controls/Personal Protection

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Wear safety glasses/goggles to avoid eye contact. Wear gloves to avoid skin contact.

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## 9. Physical and Chemical Properties

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Physical State: Solid  
Solubility: Not soluble in water  
Melting point: 361 - 621°F (183 - 327°C)

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## 10. Stability and Reactivity

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Stability: Stable under normal conditions of use, storage, and transportation as shipped.

Fines, dust, and molten metal are considerably more reactive with the following:

Water: Molten metal can react explosively with entrapped water.

Heat: Oxidizes at a rate dependent upon temperature and particle size.

Strong oxidizers: Violent reaction with considerable heat generation.

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## 11. Toxicological Information

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ACG: A-3 – animal carcinogen

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## 12. Ecological Information

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No information available for this product.

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## 13. Disposal Considerations

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Reuse or recycle material whenever possible.

RCRA status: Not federally regulated in U.S> if disposed "as is."  
Otherwise, characterize in accordance with applicable regulations (40 CFR 261 or state equivalent in the U.S.)

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## 14. Transport Information

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No special handling required.

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## 15. Regulatory Information

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This material contains one or more chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.56) and/or CERCLA (40 CFR 302.4).

Lead (7439-92-1)

SARA 313: form R reporting required for 0.1% de minimis concentration

CERCLA: final RQ = 10 pounds (4.54 kg) (no reporting of releases of this hazardous substance is required if the diameter of the pieces of the solid metal released is equal to or exceeds 0.004 inches)

SARA 311/312 physical and health hazard categories:

Immediate health hazard: Yes, if particulates/fumes generated during processing.

Delayed health hazard: Yes, if particulates/fumes generated during processing.

Fire hazard: No.

Sudden release of pressure: No.

Reactive: Yes, if molten.

State regulations:

Chemical(s) known to the state of California to cause:

cancer: Lead

reproductive/developmental effects: Lead

Lead appears on the following state hazardous substances lists:  
CA, FL, MA, MN, NJ, PA

Lead is identified under Canadian Hazardous Products Act Ingredient Disclosure List.

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**16. Other Information**

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No other information is available.