

Section 1: Identification

Product Name: **Lead Products, including
Roof Flashings, Sheet Lead, Lead Bricks, Molded Lead Products**

Producer: Heartland Metals, Inc. 800-282-7264
127 Ranier Dr.
Lake Placid, FL 33852

Section 2: Hazard(s) Identification

Signal Word: DANGER

Hazard Class: Health Hazard
Carcinogen: Category 2 reasonably anticipated to be human carcinogen
Reproductive Toxicity: may damage fertility or the unborn child
Target Organ Toxicity: may cause damage to organs through prolonged or repeated exposure

Hazard Class: Irritant
Acute Toxicity: Category 4 harmful if swallowed or inhaled

Do not eat, drink or smoke while handling this product.



Section 3: Composition/Information on Ingredients

Component	CAS Number	Formula	% by Weight
Lead	7439-92-1	Pb	99-99.99%

Section 4: First-Aid Measures

If exposed seek medical attention
If inhaled: remove from exposure.
If on skin: wash thoroughly with soap and water
If in eye: flush with water for several minutes. Remove contact lenses and continue to rinse
If ingested: immediate call poison control center or seek medical attention.

Acute overexposure: seizures, coma, and death from cardiorespiratory arrest.

Section 5: Fire-Fighting Measures

Flash Point: not applicable
Extinguishing Media: dry chemical, foam or CO₂

Molten metal may release toxic fumes
Lead is not a fire hazard, but powder is flammable when heated or exposed to flame.

Section 6: Accidental Release Measures

Contain any spills to the extent possible.
Clean spills with HEPA vacuum, if available.
Use protective equipment during cleanup, including protective clothing, gloves and respiratory protection.

Section 7: Handling and Storage

Store in designated area. Keep away from heat and sources of ignition, and incompatible materials such as oxidizing agents.
Do not eat, drink or smoke and wear protective clothing and gloves while handling material

Section 8: Exposure Controls/Personal Protection

Exposure Limit: PEL/TLV 0.05 mg/m³ (OSHA/ACGIH)
Engineering Controls: exhaust ventilation if operations generate lead dust
Personal Protective Measures: wear protective clothing, gloves, safety glasses and respiratory protection if needed.

Section 9: Physical and Chemical Properties

Appearance: Heavy, ductile soft, gray solid
Upper/lower flammability or explosive limits: Not applicable
Odor: Odorless
Vapor pressure: 1.77mmHg @ 1,000°C
Odor threshold: Not applicable
Vapor density: Not applicable
pH: Not applicable
Density at 20°C: 11 g/cm³
Melting point/freezing point: 327 °C

Solubility(ies): Water at 25°C insoluble
Boiling point: 1,740°C
Flash point: Not applicable
Evaporation rate: Not applicable
Flammability (solid, gas): Not applicable
Partition coefficient: n-octanol/water: Not applicable
Auto-ignition temperature: Not applicable
Decomposition temperature: Not applicable
Viscosity: Not applicable

Section 10: Stability and Reactivity

Lead is stable. Avoid contact with strong oxidizers.

Section 11: Toxicological Information

Routes of exposure include inhalation and ingestion.

Acute overexposure to lead may lead to a condition affecting the brain called acute encephalopathy, which develops quickly to seizures, coma, and death from cardiorespiratory

arrest.

Chronic overexposure to lead may result in severe damage to your blood-forming, nervous, urinary and reproductive systems. Some common symptoms of chronic overexposure include loss of appetite, metallic taste in the mouth, anxiety, constipation, nausea, pallor, excessive tiredness, weakness, insomnia, headache, nervous irritability, muscle and joint pain or soreness, fine tremors, numbness, dizziness, hyperactivity and colic. In lead colic there may be severe abdominal pain.

The National Toxicology Program (NTP) Report on Carcinogens indicated that lead and lead compounds are reasonably anticipated to be human carcinogens.

Section 12: Ecological Information

Lead accumulates in soil and water; bioaccumulates in animals and is toxic to aquatic life.

Section 13: Disposal Considerations

Lead can be recycled.

Section 14: Transport Information

Not regulated.

UN number: Not Applicable

Hazard Class: Not Applicable

Section 15: Regulatory Information

NIOSH RTECS OF7525000

EPA hazardous waste: D008

OHM/TADS: 7216776

DOT/UN/NA/IMCO shipping: Not applicable

Section 16: Other Information

Prepared November 17, 2014

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