

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT NAME AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Led-Plate No. 250  
LP-250 Anti Seize Sealing Compound

**PRODUCT USE:** Lubricant & Sealant  
Pipe – Bolts – Studs – Gaskets  
High Temperature and High Pressure

**Manufacturer/Supplier:** Armite Laboratories Inc.

Cage Code 84180      1560 Superior Ave  
Costa Mesa, CA 92627

Phone: (949) 646-9035

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**EMERGENCY:** Chem-Tel Inc. (800) 255-3924

Prepared By: Armite Laboratories

Last Revision Date: November 27, 2007

## SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Components (Specific)</u>	<u>CAS Number.</u>	<u>OSHA PEL</u>	<u>ACGIH/TVL</u>	<u>% (opt.)</u>
Microcrystalline Wax	64742-42-3			
Petroleum Hydrocarbon (Oil)	64742-54-7, 64742-54-0, 64742-58-1, 64742-62-7			
Industrial Grease	Mixture			
Metallic Lead Powder (High Purity)	7439-92-1	0.50 U <sub>g</sub> /M <sup>3</sup>	0.15 M <sub>g</sub> /M <sup>3</sup>	68-70%

## SECTION 3 – HAZARDS IDENTIFICATION

**Route of Entry:** Eyes, Ingestion, Skin  
**Eyes:** May cause irritation.  
**Ingestion:** May cause diarrhea.  
**Skin:** May cause possible rash for persons with hypersensitivity.

## SECTION 4 – FIRST AID MEASURES

**Eyes:** Flush with water until all residual material is gone. If irritation persists, seek medical help.  
**Ingestion:** Do not induce vomiting. Contact a physician immediately.  
**Skin:** Remove by wiping or with a waterless hand cleaner, followed by washing with soap and water.

## SECTION 5 – FIRE FIGHTING MEASURES

**Flammability:** Not Available  
**Extinguishing Media:** Foam CO<sub>2</sub> Dry Chemical  
**Flash Point: (COC):** 404° F  
**Explosive Properties:** Not Available  
**Hazardous Combustion Products:** Not Available  
**Special Fire Fighting Procedures:** None as Grease Product.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Spillage:** Scoop up excess, wipe down affected area and pick up residue with clay, pumice, etc., to avoid walking hazard.  
**Environmental Precautions:** Do not allow to enter drains.

## SECTION 7 – HANDLING AND STORAGE

**Handling Procedures:** No special handling precautions necessary.  
**Storage Requirements:** Normal storage. Prefer under 125° F.  
**Engineering Controls:** None available

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### SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: None required.  
Hand Protection: Protective gloves for hypersensitive persons.  
Eye Protection: Protective glasses if applied to moving parts.

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Dark Gray Paste	Odor: Light Petroleum	Vapor Pressure: Not Available
Specific Gravity: 1.93	Odor Threshold: Not Determined	Vapor Density: Not Determined
VOC: 0.0 as solid material	pH: Not Available	Solubility in Water: Insoluble
Boiling Point: >400° F	Density: Not Available	
Melting Point: 130° F	Evaporation Rate	
Freezing Point: Not Available	(Butyl Acetate + 1.0): N/A	

### SECTION 10 – STABILITY AND REACTIVITY

Stability: Chemically stable under normal conditions.  
Conditions to Avoid: Strong Oxidizers can cause lead to react & liberate Hydrogen Gas.  
Materials to Avoid: Oxidizing Agents  
Hazardous Decomposition Products: At temperatures above melting point, lead fumes may be evolved.  
Hazardous Polymerization: Will not occur

### SECTION 11 – TOXICOLOGY INFORMATION

Exposure Limit of Material: See Section 2  
Teratogenicity, Embryotoxicity and/or Fetotoxicity: Not Available  
Mutagenicity: Not Available  
Effects of Long-Term (Chronic) Exposure: Lead - Chronic overexposure to high levels of airborne or ingested lead may result in anemia, insomnia, weakness, constipation, nausea & abdominal pain. Prolonged overexposure may result in kidney & gastrointestinal disorders, not likely with this material.  
Carcinogenicity: None NTP: N/A IARC: N/A OSHA: N/A

### SECTION 12 – ECOLOGICAL INFORMATION

Possible Effects: May generate oil fractions that could act as a marine pollutant in extreme cases, but is highly unlikely.  
Behavior: Relatively well behaved. Bio accumulation potential nil.  
Environmental Fate: Highly unlikely to cause widespread contamination.

### SECTION 13 – DISPOSAL CONSIDERATION

Consult federal, state and local regulations for disposal of petroleum products.

### SECTION 14 – TRANSPORTATION INFORMATION

IMDG Classification: This product is not regulated by IMDG.  
ICAO Classification: This product is not regulated by the ICAO.  
Land and Rail: Not Regulated  
CLASS UN PG PLACARDS: None

### SECTION 15 – REGULATORY INFORMATION

No classified as hazardous for transportation. Air Transport (ICAO & IATA): Non Hazardous DOT: Non hazardous  
Sea Transport: (IMO & IMDG) Non hazardous.

### SECTION 16 – OTHER INFORMATION

Do not reuse containers. Keep out of each of children.  
This M.S.D.S and the information it contains is offered to you in good faith as accurate. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents.

#### HMIS SYMBOL

HEALTH	3
FLAMABILITY	1
REACTIVITY	0
PPI	1

#### NFPA SYMBOL

