

# MATERIAL SAFETY DATA SHEET

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## **SECTION 1 – PRODUCT NAME AND COMPANY IDENTIFICATION**

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**PRODUCT NAME:** Anti-seize Thread Compound,  
High Temperature  
**P/N LP-250 Mil Spec:** MIL-PRF-907  
**NSN(s)** 8030-00-059-2761, 8030-00-251-3980  
8030-00-597-5367, 8030-00-286-5453

**PRODUCT USE:** Threads of Steel Nuts, Bolts & other  
Mating Surfaces including Superheated Steam installations  
Temperatures up to 1050°F (566°C)

**Manufacturer/Supplier:** Armite Laboratories Inc.  
1560 Superior Ave  
Costa Mesa, CA 92627

**Cage Code:** 84180  
**Phone:** (949) 646-9035  
**Fax:** (949) 646-8319

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

**Prepared By:** Armite Laboratories  
**Last Revision Date:** January 20, 2008

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## **SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS**

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<b>Hazardous Components (Specific)</b>	<b>CAS Number.</b>	<b>OSHA PEL</b>	<b>ACGIH</b>	<b>% (opt.)</b>
Vehicle – Paraffinic Base Petroleum Oil SAE	64742-54-7, 64742-6 5-0, 64742-58-1, 64742-62-7			
Other – Petroleum Grease	64742-42-3			
Metallic Lead Powder	7439-92-1	0.50 Ug/M <sup>3</sup>	0.15 Mg/M <sup>3</sup>	70%

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## **SECTION 3 – HAZARDS IDENTIFICATION**

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

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## **SECTION 4 – FIRST AID MEASURES**

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

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## **SECTION 5 – FIRE FIGHTING MEASURES**

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**Flammability:** Not Available  
**Extinguishing Media:** Foam CO<sub>2</sub> Dry Chemical  
**Flash Point: (COC):** 404<sup>0</sup> F  
**Explosive Properties:** Not Available  
**Hazardous Combustion Products:** Not Available  
**Special Fire Fighting Procedures:** None as Grease Product.

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## **SECTION 6 – ACCIDENTAL REALEASE MEASURES**

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**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.

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## **SECTION 7 – HANDLING AND STORAGE**

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**Handling Procedures:** No special handling precautions necessary. Do not pressurize, cut, heat or weld empty cans.  
**Storage Requirements:** Normal conditions. Prefer under 125<sup>0</sup>F.  
**Engineering Controls:** None available  
**Anti-Seize Thread Compound High Temperature MIL-PRF-907 Con't**

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## **SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

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

## MATERIAL SAFETY DATA SHEET

Product Name: High Temperature Anti-Seize Compound Con't

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Dark Gray Paste Specific Gravity: 1.93 VOC: 0.0 as solid material Boiling Point: 300 <sup>0</sup> F Melting Point: 620 <sup>0</sup> F Freezing Point: Not Available	Odor: Light Petroleum Odor Threshold: Not Determined pH: Not Available Density: Not Available Evaporation Rate (Butyl Acetate + 1.0): N/A	Vapor Pressure: Not Available Vapor Density: Not Determined Solubility in Water: Insoluble
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### SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable Chemically stable under normal conditions.  
Conditions to Avoid: Oxidizing agents  
Materials to Avoid: Strong Oxidizers can cause lead to react & liberate Hydrogen Gas.  
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.  
DOT Classification: Not regulated.  
Land and Rail: Not Regulated  
CLASS N/R UN N/R PG N/R PLACARDS: None

### SECTION 15 – REGULATORY INFORMATION

Lead is on the SARA Title III Section 313 Toxic Chemical List.

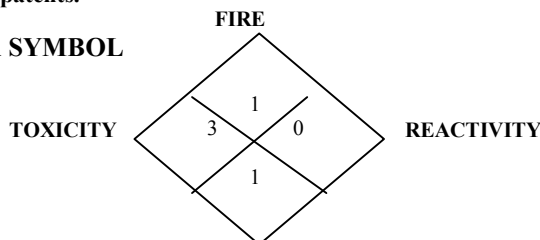
### SECTION 16 – OTHER INFORMATION

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
FLAMMIBILITY	1
REACTIBILITY	0
PPI	1

#### NFPA SYMBOL



PERSONAL PROTECTION INDEX