

# MATERIAL SAFETY DATA SHEET

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## SECTION 1 – PRODUCT NAME AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** Anti Seize Sealing Compound  
High Temperature

**PRODUCT USE:** Threads of Steel Nuts, Bolts &  
Mating Surfaces including Superheated Steam  
Temperatures up to 1050° (560°C)

**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

**Manufacturer/Supplier:** Armite Laboratories Inc.  
**Cage Code** 84180      1560 Superior Ave  
Costa Mesa, CA 92627  
**EMERGENCY:** Chem-Tel Inc. (800) 255-3924

**Phone:** (949) 646-9035  
**Fax:** (949) 646-8319  
**Prepared By:** Armite Laboratories  
**Last Revision Date:** March 15, 2011  
**CAGE CODE:** 84180

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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/TVL</b>       | <b>% (opt.)</b> |
|--|---|---|------------------------|-----------------|
| Microcrystline Wax                     | 64742-42-3  |   |                        |                 |
| Petroleum Hydrocarbon (Oil)            | 64742-54-7, 64742-54-0,<br>64742-58-1, 64742-62-7 | 5mg/m <sup>3</sup> for oil mist<br>for 8 hr/day @ 100%<br>Concentration or<br>Greater |                        |                 |
| Industrial Grease                      | Mixture   |   |                        |                 |
| Metallic Lead Powder (High Purity)     | 7439-92-1   | 0.50 Ug/M <sup>3</sup>  | 0.15 Mg/M <sup>3</sup> | 68-70%          |

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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. 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, water spray, fog or regular foam  
**Flash Point: (COC):** 404° F  
**Explosive Properties:** Not Available  
**Hazardous Combustion Products:** Not Available  
**Special Fire Fighting Procedures:** Do not scatter spilled material with high pressure water streams. Move containers from fire area if you can do it with out risk.

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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.  
**Storage Requirements:** Normal storage. Prefer under 125° F.  
**Engineering Controls:** None available

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Product Name: High Temperature Anti Seize Sealing Compound Continued.

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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.

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## **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

|   |                                       |                                       |
|---|---------------------------------------|---------------------------------------|
| <b>Physical State:</b> Dark Gray Paste    | <b>Odor:</b> Light Petroleum          | <b>Vapor Pressure:</b> Not Available  |
| <b>Specific Gravity:</b> 1.93             | <b>Odor Threshold:</b> Not Determined | <b>Vapor Density:</b> Not Determined  |
| <b>VOC:</b> 0.0 as solid material         | <b>pH:</b> Not Available              | <b>Solubility in Water:</b> Insoluble |
| <b>Boiling Point:</b> >400 <sup>0</sup> F | <b>Density:</b> Not Available         |                                       |
| <b>Melting Point:</b> 130 <sup>0</sup> F  | <b>Evaporation Rate</b>               |                                       |
| <b>Freezing Point:</b> Not Available      | <b>(Butyl Acetate + 1.0):</b> N/A     |                                       |

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## **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. It is very reactive with hydrogen peroxide.  
**Hazardous Decomposition Products:** At temperatures above melting point, lead fumes may be evolved.  
**Hazardous Polymerization:** Will not occur

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## **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

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## **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.

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## **SECTION 13 – DISPOSAL CONSIDERATION**

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

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## **SECTION 14 – TRANSPORTATION INFORMATION**

**IMDG Classification:** Not Determined  
**ICAO/IATA Classification:** CLASS 9, UN 3077 Environmentally Hazardous Substance, N.O.S. (Lead Mixture)  
**PACKAGING GROUP - III**                      **PLACARDS - NONE**  
**Land and Rail:** ORMD Consumer Commodity  
**U.S. CFR 49 DOT:** ORMD Consumer Commodity

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## **SECTION 15 – REGULATORY INFORMATION**

RCRA Hazardous Waste D008 – Lead

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## **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.

### **HMSI SYMBOL**

|             |   |
|-------------|---|
| HEALTH      | 3 |
| FLAMABILITY | 1 |
| REACTIVITY  | 0 |
| PPI         | 1 |

### **NFPA SYMBOL**

