

# MATERIAL SAFETY DATA SHEET

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

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**PRODUCT NAME:** Zink Plate # 770                      **PRODUCT USE:** Anti-Seize Sealing/Thread Compound  
(Zinc Based)

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

1560 Superior Ave  
Costa Mesa, CA 92627

**Phone:** (949) 646-9035

**Fax:** (949) 646-8319

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

**Prepared By:** Armite Laboratories

**Last Revision Date:** January 15, 2010

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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> |
|--|--------------------|---------------------|---------------------|-----------------|
| Zinc Dust                                    | 7440-66-6          | 5 mg/m <sup>3</sup> | 10mg/m <sup>3</sup> | 48-52%          |
| Petrolatum Grease                            | 8009-03-8          | N/A                 | N/A                 |                 |
| Vehicle – Paraffin Base<br>Petroleum Oil SAE | Not Applicable     | N/A                 | N/A                 |                 |

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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.  
**Shin:** 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):** 400°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:** Store in a cool, well ventilated place. Prefer under 125<sup>0</sup>F.  
**Engineering Controls:** If user's operation generates vapors or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. Make up air should always be supplied to balance air removed by exhaust ventilation. Ensure eyewash station and safety shower are close to work station.

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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.

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

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|--|---------------------------------------|---------------------------------------|
| <b>Physical State:</b> Paste               | <b>Odor:</b> Light Petroleum          | <b>Vapor Pressure:</b> Not Available  |
| <b>Specific Gravity:</b> Not Available     | <b>Odor Threshold:</b> Not Determined | <b>Vapor Density:</b> Not Determined  |
| <b>VOC:</b> 0.0 lb/gal (as solid material) | <b>pH:</b> Not Available              | <b>Solubility in Water:</b> Insoluble |
| <b>Boiling Point:</b> 350°F                | <b>Density:</b> Not Available         |                                       |
| <b>Melting Point:</b> 787°F                | <b>Evaporation Rate</b>               |                                       |
| <b>Freezing Point:</b> Not Available       | (Butyl Acetate + 1.0): N/A            |                                       |

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### **SECTION 10 – STABILITY AND REACTIVITY**

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**Stability:** Stable Chemically stable under normal conditions.

**Conditions & Materials to Avoid:** Avoid strong Acids

**Hazardous Decomposition Products:** At temperatures above melting point, fumes may be present.

**Hazardous Polymerization:** will not occur

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### **SECTION 11 – TOXICOLOGY INFORMATION**

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**Exposure Limit of Material:** See Section 2

**Teratogenicity, Embryotoxicity and/or Fetotoxicity:** Not Available

**Mutagenicity:** Not Available

**Effects of Long-Term (Chronic) Exposure:** Not Known

**Carcinogenicity:** None NTP: N/A IARC: N/A OSHA: N/A

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### **SECTION 12 – ECOLOGICAL INFORMATION**

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**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**

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

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### **SECTION 14 – TRANSPORTATION INFORMATION**

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**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

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### **SECTION 15 – REGULATORY INFORMATION**

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Not regulated

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### **SECTION 16 – OTHER INFORMATION**

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Do not reuse containers. Keep out of each of children.

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