

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT NAME AND COMPANY IDENTIFICATION

PRODUCT NAME: Zinc Dust-Petrolatum
Anti-Seize Thread Compound
Mil Spec: A-A-59313

NSN 8030-00-292-1102

Manufacture/Supplier: Armite Laboratories Inc.

Cage Code 1560 Superior Ave
84180 Costa Mesa, CA 92627

EMERGENCY:

Chem-Tel Inc. (800) 255-3924

PRODUCT USE: Prevent seizing during assembly and disassembly of threaded and unthreaded aluminum and aluminum-alloy components engaged with components of similar or dissimilar metals.

Phone: (949) 646-9035

Fax: (949) 646-8319

Prepared By: Armite Laboratories

Last Revision Date: January 15, 2010

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific)	CAS No.	OSHA PEL / ACGIH / NIOSH	% (opt.)
Petrolatum Jelly Tech. Grade	8009-03-8	(As Oil mist if generated) 5 mg/m ³ TWA 10mg/m ³ STEL	Balance
Total Zinc Dust 99%		Not Established	41-43%
(Metallic Zinc)96.0%Wt	7440-66-6	Not Established	
* (Zinc Oxide) 2-4%Wt	1313-13-02	* OSHA 10mg/m ³ (total) & 5mg/m ³ (respirable) / * ACGIH 2 mg/m ³ (respirable fraction) TVL 10mg/m ³ (respirable fraction) STEL/ * NIOSH (Dust or Fume) 5mg/m ³	

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: Wash out mouth. Do not induce vomiting. Seek medical attention.

Skin: Remove by wiping followed by washing with soap and water.

Always wash hands thoroughly after using chemicals; never allow food, drink or smoking around chemicals.

SECTION 5 – FIRE FIGHTING MEASURES

Flammability: Not Available

Extinguishing Media: Foam, CO₂, Dry Chemical

Flash Point: (COC): > 400° F

Explosive Properties: LEL: 0.9% UEL: 7%

Hazardous Combustion Products: Not Available

Special Fire Fighting Procedures: Water should be avoided (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 spillage into water ways.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures: No special handling precautions necessary.

Storage Requirements: Normal - prefer under 125° F.

Engineering Controls: Not available

MATERIAL SAFETY DATA SHEET

Zinc Dust Petrolatum Anti-Seize Compound (A-A-59313) Continued

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: Not Available	Odor Threshold: Not Determined	Vapor Density: Not Determined
VOC: 0.0 lbs/gal (as solid material)	pH: Neutral	Solubility in Water: Insoluble
Boiling Point: > 375° F	Density: Not Available	
Melting Point: >135° 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/Materials to Avoid: Strong organic & inorganic acids, oxidizing agents.

Hazardous Decomposition Products: Burning generates smoke, leaving residue of soot & metal oxides.

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: None Known

Carcinogenicity: None NTP: NO IARC: NO OSHA: NO

SECTION 12 – ECOLOGICAL INFORMATION

Possible Effects: Potential to act as marine pollutant is highly unlikely.

Behavior: Relatively well behaved. Bio accumulation potential nil.

Environmental Fate: Non-Toxic to marine & land organisms.

SECTION 13 – DISPOSAL CONSIDERATION

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

SECTION 14 – TRANSPORTATION INFORMATION

IMDG Classification: Non-hazardous. **ICAO Classification:** Non-hazardous.

DOT: Non-hazardous **Land and Rail:** Non-hazardous **Sea Transport (IMO & IMDG):** Non-hazardous

PLACARDS: None

SECTION 15 – REGULATORY INFORMATION

40 CFR Part 372 (SARA Section 313): Zinc. **SARA 311/312:** None. **CERCLA:** Non-hazardous. **WHMIS (Canada):** Not Regulated. **TSCA:** All components listed. **TSCA 12B Components:** Zinc

SECTION 16 – OTHER INFORMATION

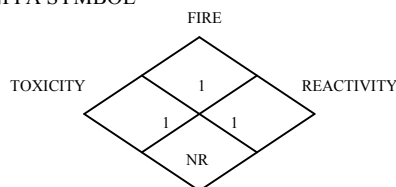
Do not reuse containers. Keep out of each of children.

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HBMIS SYMBOL

HEALTH	1
FLAMMIBILITY	1
REACTIBILITY	1
PPI	NR

NFPA SYMBOL



PERSONAL PROTECTION INDEX