

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT NAME AND COMPANY IDENTIFICATION

PRODUCT NAME: Graphite Petrolatum
Anti Seize Thread Compound
Meets Spec. SAE-AMS-2518

PRODUCT USE: Use as anti seize compound on engine spark
Plugs, fasteners, and fittings, but not limited to such use.

Manufacture/Supplier: Armite Laboratories Inc.

Cage Code 1560 Superior Ave
84180 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

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific)	CAS Number	OSHA PEL	ACGIH TVL	% (opt.)
Non-Hazardous Blend Petrolatum	8009-03-8	(As Oil Mist, if Generated) 5 mg/m ³ TWA 10mg/m ³ STEL		50 +/- 2
Graphite (Synthetic)	7782-42-5	15mg/m ³ (Total Dust) 5mg/m ³ (Respirable Fraction)	2mg/m ³ (for all forms of graphite except graphite fibers)	48-52%

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. Wash out mouth. 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 CO₂ Dry Chemical

Flash Point: (COC): > 400° F (203°C)

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: Unavailable

SECTION 7 – HANDLING AND STORAGE

Handling Procedures: No special handling precautions necessary.

Storage Requirements: Normal. Prefer under 125⁰F.

Engineering Controls: None available

MATERIAL SAFETY DATA SHEET

Graphite Petrolatum Anti-Seize Compound (SAE-AMS-2518) 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 Grey Paste Specific Gravity: Not Available VOC: 0.0 lbs/gal (as 100% solid material) Boiling Point: 350° F Melting Point: 500° F Freezing Point: Not Available	Odor: Slight 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
--	---	---

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable Chemically stable under normal conditions.
Conditions/Materials to Avoid: Product contains graphite, which may promote corrosion of aluminum, magnesium, ferrous, zinc, and cadmium alloys or plated coating and should not be used with such metals.
Hazardous Decomposition Products: Unknown
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:
Carcinogenicity: None **NTP:** No **IARC:** No **OSHA:** No

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

Not regulated
WHMIS – Not regulated

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	1
FLAMMABILITY	1
REACTIVITY	1
PPI	NR

NFPA SYMBOL

