

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT NAME AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Mica Anti-Seize Compound  
**NSN:** 8030-00-753-4953    **Armite P/N:** AASC-M  
**Formerly P/N:** AASC-MI-2 or AASC-M-2

**PRODUCT USE:** For Threaded Fittings Automotive  
Spark Plug Threads and other high temp. applications.

**Manufacturer/Supplier:** Armite Laboratories Inc.  
**Cage Code** 84180      **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:** September 8, 2010

## SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

<b>Hazardous Components (Specific)</b>	<b>CAS Number.</b>	<b>OSHA PEL</b>	<b>ACGIH /NOISH</b>	<b>% (conc.)</b>
Vehicle – Paraffinic Based Petroleum Oil SAE (blend),	64742-54-7, 64742-65-0, 64742-58-1, 64742-62-7	5mg/m3 for oil mist ( total product) for 8 hr. work day		
Mica (Muscovite) May contain *Phyllosilicate mineral <0.5% Free silica, Crystalline Quartz (respirable)	12001-26-2 * 14808-60-7	<0.5 % PEL = 20mppcf >1% $\frac{10\text{mg}/\text{m}^3}{\% \text{silica} + 2}$	<1% crystalline silica TLV-TWA 3mg/m <sup>3</sup> (total dust) 5mg/m <sup>3</sup> (respirable) >1% TLV-TWA 0.1mg/m <sup>3</sup> (respirable) NOISH=0.05mg/m <sup>3</sup> (40 hr week)	38-45%

## 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.

**Respiration:** Respiration of silica dust particles may result in coughing and irritation. Extended exposure may result in silicosis.

## SECTION 4 – FIRST AID MEASURES

**Eyes:** Flush with water until all residual material is gone. If irritation persists, seek medical attention.

**Ingestion:** Do not induce vomiting. Wash out mouth. Contact a physician immediately.

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

**Respiration:** Move effected person(s) to fresh air. If symptoms persist seek medial attention

## SECTION 5 – FIRE FIGHTING MEASURES

**Flammability:** Not Available

**Extinguishing Media:** Foam, CO<sub>2</sub>, Dry Chemical

**Flash Point:** (COC): Approx. 400+° F

**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:** Do not allow to enter drains.

## SECTION 7 – HANDLING AND STORAGE

**Handling Procedures:** No special handling precautions necessary.

**Storage Requirements:** Normal conditions, prefer under 125°F.

**Engineering Controls:** Not Available

# MATERIAL SAFETY DATA SHEET

## Mica Based Anti-Seize Compound AASC-M-2 Continued

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

**Respiratory Protection:** Recommended if oil mist is present.

**Hand Protection:** Protective gloves for hypersensitive persons.

**Eye Protection:** Protective glasses if applied to moving parts.

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

**Physical State:** Lt. Brown Paste

**Specific Gravity:** Not Available

**VOC:** 0.0 - as solid material

**Boiling Point:** Min. 450° F

**Melting Point:** N/A

**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

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

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

**Conditions to Avoid:** None

**Materials to Avoid:** None

**Hazardous Decomposition Products:** No

**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:** Repeated & prolonged exposure to the **DUST** of crystalline silica may cause chronic lung injury (silicosis) Carcinogenicity from **DUST** exposure: NTP?: Yes **IARC:** N/A **OSHA:** N/A

The NTP has concluded that “silica crystalline” may reasonably be anticipated to be a carcinogen, based on sufficient evidence for the carcinogenicity of respirable crystalline in experimental animals & limited evidence in humans.

### **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

**DOT Classification:** Not Regulated

**PLACARDS:** None

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

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
FLAMMIBILITY	1
REACTIVITY	0
PPI	NR

#### NFPA SYMBOL

