



ANTI-SEIZE TECHNOLOGY
A.S.T. Industries, Inc.

H.M.I.S.	
H -	1
F -	2
R -	0
P.P.	A

MOLY - AP™

METAL ASSEMBLY PASTE

STOCK # ('S): 43003, 43016, 43030, 43050

MATERIAL SAFETY DATA SHEET

Section 1- Chemical Product and Company Identification

Manufacture: Anti-Seize Technology
2345 N. 17th Ave.
Franklin Park, IL 60131

Phone: 847-455-2300

Emergency Phone, 24 hr: Infotrac @ 1-800-535-5053 or 352-323-3500

Section 2-Composition/ Information on Ingredients

	CAS #	OSHA PEL,	TLV	SARA III	PROP 65,	
	PERCENT					
MOLYBDENUM DISULFIDE, AS DUST	1317-33-5	15mg/m31	SAME	NO	YES	10 to 20
ZINC PYROPHOSPHATE	1317-33-5	NOT ESTABLISHED		NO	NO	10-20
AMORPHOUS SILICON DIOXIDE,	7631-86-9	NOT ESTABLISHED,	10mg/m3	NO	NO	1-5
N, N' ETHYLENE BIS (STEARAMIDE)	110-30-5	NOT ESTABLISHED		NO	NO	1-5
PETROLEUM OIL 64742-62-7	5mg/m3	SAME	NO	NO		50 TO 80

Section 3- Hazard Identification

ROUTES OF ENTRY: SKIN EYES INHALATION INGESTION

HEALTH HAZARDS: THIS PRODUCT CONTAINS LEAD MONOXIDE. CHRONIC EXPOSURE COULD OCCUR THROUGH INGESTION OR POSSIBLY INHALATION OF THIS PRODUCT. INGESTION COULD OCCUR THROUGH TRANSFER FROM HAND TO MOUTH. SYMPTOMS OF CHRONIC LEAD EXPOSURE CAN INCLUDE INTENSIVE PERIODIC CRAMPS AND CONSTIPATION, NAUSEA AND VOMITING. EXCESSIVE EXPOSURE MAY AFFECT BLOOD, NERVOUS, DIGESTIVE, KIDNEY OR REPRODUCTIVE SYSTEMS.

Section 4 – First Aid Measures

SKIN: WASH WITH SOAP AND WATER, USE A NAIL BRUSH PAYING PARTICULAR ATTENTION TO FINGER NAILS AND OPEN WOUNDS.

EYES: THIS PRODUCT COULD CAUSE SOME MECHANICAL IRRITATION IF GOTTEN INTO THE EYES AND RUBBED. FLUSH EYE WITH WATER FOR 15 MINUTES, LIFTING THE EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN.

INGESTION: IF INGESTED THIS PRODUCT IS NOT EXPECTED TO CAUSE AN ACUTE REACTION. THIS PRODUCT CONTAINS PETROLEUM OIL; **DO NOT INDUCE VOMITING** BECAUSE THE OIL MAY BE ASPIRATED INTO THE LUNGS. CONSULT A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

INHALATION: NOT LIKELY UNDER NORMAL CONDITIONS OF USE. IF USING IN HIGH TEMPERATURE APPLICATIONS WHERE THERMAL DECOMPOSITION IS LIKELY, USE A LOCAL EXHAUST TO REMOVE FUMES. IF DIZZINESS OCCURS, SEEK FRESH AIR.

CHEMICAL ('S) LISTED AS CARCINOGENS
NPT: NO I.A.R.C.: NO OSHA: NO

Section 5 – Fire Fighting Measures

FLASH POINT AND METHOD USED: GREATER THAN 400 F., C.O.C.

FLAMMABLE LIMITS: LEL: NO DATA UEL: NO DATA

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: THIS COMPOUND WILL NOT BURN UNLESS IT IS PRE-HEATED. WATER FOG MAY BE USED TO COOL THE CONTAINERS BUT DO NOT SPRAY DIRECTLY INTO LARGE CONTAINERS OF BURNING LIQUIDS AS FROTHING MAY OCCUR. WEAR A "N.I.O.S.H" APPROVED ORGANIC VAPOR RESPIRATOR.

UNUSUAL FIRE AND EXPLOSION HAZARDS: DENSE SMOKE AND NOXIOUS AND POSSIBLE TOXIC FUMES **MAY** BE GENERATED. RUPTURED CONTAINERS MAY CAUSE EXCESSIVELY SLIPPERY FLOORS

Section 6 – Accidental Release Measures

SPILL/ LEAKAGE PROCEDURES: THIS PRODUCT, BECAUSE OF ITS VISCOUS NATURE, IS NOT EXPECTED TO SPILL. WIPE UP AND RETURN TO ITS ORIGINAL CONTAINER.

Section 7 – Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP CONTAINER CLOSE. DO NOT TRANSFER TO AN UNMARKED CONTAINER. STORE AWAY FROM EXCESSIVE HEAT, SPARKS, OPEN FLAMES.
OTHER PRECAUTIONS: DO NOT INGEST, KEEP AWAY FROM CHILDREN.

Section 8 – Exposure Controls / Personal Protection

RESPIRATORY PROTECTION: NOT REQUIRED UNDER NORMAL CONDITIONS OF USE
PROTECTIVE GLOVES: NORMALLY NOT REQUIRED
EYE PROTECTION: SAFETY GLASSES RECOMMENDED
WORK/HYGIENIC PRACTICES: USE GOOD STANDARD PRACTICES WHEN USING THIS MATERIAL. DO NOT EAT OR SMOKE WHILE USING, AND THOROUGHLY WASH WITH SOAP, WATER AND A NAIL BRUSH AFTER USING.

Section 9 – Physical and Chemical Properties

BOILING POINT: DOES NOT APPLY	SOLUBILITY IN WATER: NONE
MELTING POINT: DOES NOT APPLY	REACTIVITY IN WATER: NONE
VAPOR PRESSURE: NO DATA	SPECIFIC GRAVITY: 1.4
EVAPORATION RATE: 0	PERCENT VOLATILE: 0
APPEARANCE AND ODOR: BLUISH GRAY PASTE WITH GREASE LIKE ODOR	

Section 10 – Stability and Reactivity

STABILITY: (X) STABLE () UNSTABLE
CONDITIONS TO AVOID: STORAGE AROUND STRONG OXIDIZERS AND PEROXIDES
INCOMPATIBILITY: MAY REACT WITH STRONG OXIDIZING CHEMICALS.
HAZARDOUS DECOMPOSITION PRODUCTS: THE THERMAL DECOMPOSITION PRODUCTS ARE HIGHLY DEPENDENT UPON THE COMBUSTION CONDITIONS. NOXIOUS OR TOXIC FUMES MAY BE GENERATED SOME OF WHICH MAY BE TOXIC OR IRRITATING.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

Section 11 – Toxicological Information

SEE SECTION 2 FOR ADDITIONAL INFORMATION AND EXPOSURE LIMITS

Section 12 – Ecological Information

NO ADDITIONAL INFORMATION IS AVAILABLE. THIS PRODUCT IS NOT EXPECTED TO BIOACCUMULATE.

Section 13 – Disposal Consideration

WASTE DISPOSAL: DISPOSE OF IN A RESPONSIBLE MANNER. FOLLOW LOCAL, STATE AND FEDERAL GUIDELINES. DO NOT DISCHARGE INTO SEWERS OR WATERWAYS. INCINERATION IS THE PREFERRED METHOD OF DISPOSAL, ALTHOUGH IT MAY BE LANDFILLED AT AN APPROVED FACILITY.

Section 14- Transport Information

Shipping Name: LUBRICANT
Technical Name: MOLY AP METAL ASSEMBLY PASTE
Hazard Class: NOT REGULATED
UN Number: NOT REGULATED
Packing Group: NOT REGULATED
Label: NOT REGULATED
Canadian WHMIS Classification: NOT REGULATED

Section 15 – Regulatory Information

CALIFORNIA PROPOSITION 65: NO	RCRA: NO
OZONE DEPLETING SUBSTANCES: NONE	DOT SHIPPING CLASS: NOT HAZARDOUS
SARA TITLE III: NO	TASCA INVENTORY: ALL INGREDIENTS LISTED
CERCLA: NO	N.F.P.A. RATING: H-1, F-2, And R-0

Section 16 – Other Information:

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE, HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THE DATA OR THE RESULTS OBTAINED FROM THE USE OF HIS PRODUCT. THEREFORE, BECAUSE THE PRODUCT MAY BE USED UNDER CONDITIONS BEYOND OUR CONTROL, WE ASSUME NO LIABILITY FOR ITS USE.

DATE: 1/15/2009

MOLY AP, 16 PART ISO MSDS