



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

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# MOLY - AP™

## METAL ASSEMBLY PASTE

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

### MATERIAL SAFETY DATA SHEET

#### SECTION I - PRODUCT IDENTIFICATION

**MANUFACTURE:** ANTI-SEIZE TECHNOLOGY  
2345 N. 17th. Ave.  
FRANKLIN PARK, IL. 60131

**TELEPHONE #:** 847-455-2300

**24 HR. EMERGENCY #:** INFOTRAC @ 1800-535-5053

#### SECTION II - COMPOSITION

	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 III - PHYSICAL PROPERTIES

**BOILING POINT:** DOES NOT APPLY  
**MELTING POINT:** DOES NOT APPLY  
**VAPOR PRESSURE:** NO DATA  
**EVAPORATION RATE:** 0  
**APPEARANCE AND ODOR:** BLUISH GRAY PASTE WITH A GREASE LIKE ODOR

**SOLUBILITY IN WATER:** NONE  
**REACTIVITY IN WATER:** NONE  
**SPECIFIC GRAVITY:** 1.4  
**PERCENT VOLATILE:** 0

#### SECTION IV - FIRE AND EXPLOSION DATA

**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 V- PHYSICAL HAZARDS

**STABILITY:** (X) STABLE ( ) UNSTABLE  
**CONDITIONS TO AVOID:** STORAGE AROUND STRONG OXIDIZERS AND PEROXIDES  
**INCOMPATABILITY:** MAY REACT WITH STRONG OXIDIZING CHEMICALS.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** THE THERMAL DECOMPOSITION PRODUCTS ARE HIGHLY DEPENDANT 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 VI - HEALTH HAZARDS AND FIRST AID

**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.

## EMERGENCY FIRST AID PROCEDURES

**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 A 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 VII - SPECIAL PRECAUTIONS AND SPILL PROCEDURES

**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.**

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

**WASTE DISPOSAL:** DISPOSE OF IN A RESPONSIBLE MANNER. FOLLOW LOCAL, STATE, AND FEDERAL GUIDELINES. WASTE MATERIAL MAY BE INCINERATED OR LANDFILLED AT AN APPROVED FACILITY.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** NOT REQUIRED UNDER NORMAL CONDITIONS OF USE,. HOWEVER IF THIS PRODUCT IS USED IN HIGH TEMPERATURE CONDITIONS WHERE THE PETROLEUM OIL BURNS OFF, LEAVING A FILM OF SOLID RESIDUE, A " N.I.O.S.H." APPROVED ORGANIC VAPOR RESPIRATOR IS RECOMMENDED TO MINIMIZE EXPOSURE TO LEAD MONOXIDE.

**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 IX - REGULATORY INFORMATION

**CALIFORNIA PROPOSITION 65:** NO

**OZONE DEPLETING SUBSTANCES:** NONE

**SARA TITLE III :** NO

**CERCLA:** NO

**RCRA:** NO

**DOT SHIPPING CLASS:** NOT HAZARDOUS

**TASCA INVENTORY :** ALL INGREDIENTS LISTED

**N.F.P.A. RATING:** H-1, F-2, R-0

## SECTION IX - DISCLAIMER

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 THIS PRODUCT. THEREFORE, BECAUSE THE PRODUCT MAY BE USED UNDER CONDITIONS BEYOND OUR CONTROL, WE ASSUME NO LIABILITY FOR IT'S USE.

**DATE PREPARED:** 8/25/04

**MOLY AP, METAL ASSEMBLY PASTE**