



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

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

COPPER PLATE™
ANTI-SEIZE COMPOUND
6oz. Pressurized can
STOCK # ('S): 21006

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
COPPER, AS DUST OR FUME	7440-50-8	1mg/m3	SAME	YES	NO	30 TO 40
SYNTHETIC GREASE BASE		TRADE SECRET (NJTSRN # 1210-01)		NO	NO	40 TO 60
RUST INHIBITOR	15337-18-5	NOT ESTABLISHED		NO	NO	1 TO 3
THICKENER, (AS A DUST)	7631-86-3	15 mg/m3	SAME	NO	NO	1 TO 8

NITROGEN

THE PRIMARY HEALTH HAZARD ASSOCIATED WITH COPPER IS INHALATION OF DUST PARTICLES. THIS HEALTH HAZARD IN NON-EXISTENT IN THE PRODUCTS SUPPLIED FORM, AS THE COPPER IN DISPERSED IN A PASTE.

Section 3- Hazard Identification

ROUTES OF ENTRY: SKIN EYES INHALATION INGESTION

HEALTH HAZARDS: THIS PRODUCT IS RELATIVELY NON-IRRITATING AND HAS RELATIVELY LOW TOXICITY. PERSONS WITH PREDISPOSED SENSITIVITY TO COPPER SHOULD AVOID CONTACT WITH THE PRODUCT.

Section 4 – First Aid Measures

SKIN: WASH WITH SOAP AND WATER, USING A NAIL BRUSH. PAY 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. **DO NOT INDUCE VOMITING,** BECAUSE THE PRODUCT MAY BE ASPIRATED INTO THE LUNGS. USE A GASTRIC LAVAGE, AND CALL A POISON CONTROL CENTER OR A PHYSICIAN.

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 OR IRRITATION 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 425 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 OR TOXIC FUMES MAY BE GENERATED IN A FIRE. FIRE FIGHTERS SHOULD WEAR A SELF CONTAINED BREATHING APPARATUS.

Section 6 – Accidental Release Measures

SPILL/ LEAKAGE PROCEDURES: THE VISCOUS NATURE OF THIS PRODUCT MAKES SPILLS UNLIKELY. SCOOP UP THE MATERIAL WITH ABSORBENT MATERIAL. DO NOT FLUSH INTO SEWERS.

Section 7 – Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN CLOSED CONTAINERS AWAY FROM INTENSE HEAT OR OPEN FLAMES.

OTHER PRECAUTIONS: DO NOT TRANSFER TO UNMARKED CONTAINERS. KEEP AWAY FROM CHILDREN.

Section 8 – Exposure Controls / Personal Protection

RESPIRATORY PROTECTION: NORMALLY NOT REQUIRED. IF THIS PRODUCT IS BEING USED IN HIGH TEMPERATURE APPLICATIONS WHERE THE PRODUCT "SMOKES" USE A LOCAL EXHAUST, OR VENTILATE THE AREA TO MAINTAIN THE AIR QUALITY OR USE A "N.I.O.S.H" APPROVED ORGANIC VAPOR RESPIRATOR.

PROTECTIVE GLOVES: NORMALLY NOT REQUIRED. IF PROLONGED OR REPEATED SKIN CONTACT IS EXPECTED USE AN OIL RESISTANT GLOVE SUCH AS LATEX OR NEOPRENE.

EYE PROTECTION: RECOMMENDED

WORK/HYGIENIC PRACTICES: THOROUGHLY WASH WITH SOAP AND WATER, USING A NAIL BRUSH. REMOVE ALL MATERIAL.

Section 9 – Physical and Chemical Properties

BOILING POINT: DOES NOT APPLY

MELTING POINT: DOES NOT APPLY

VAPOR PRESSURE: NO DATA

EVAPORATION RATE: DOES NOT APPLY

APPEARANCE AND ODOR: COPPER COLORED PASTE, GREASE ODOR

SOLUBILITY IN WATER: NIL

REACTIVITY IN WATER: NONE

SPECIFIC GRAVITY: 1.2

PERCENT VOLATILE: 0

Section 10 – Stability and Reactivity

STABILITY: (X) STABLE () UNSTABLE

CONDITIONS TO AVOID: NONE REASONABLY FORESEEN

INCOMPATIBILITY: STRONG OXIDIZING AGENTS, BROMATES, CHLORATES, IODATES

HAZARDOUS DECOMPOSITION PRODUCTS: THE THERMAL DECOMPOSITION BY-PRODUCTS ARE HIGHLY DEPENDENT UPON THE COMBUSTION CONDITIONS. A COMPLEX MIXTURE OF AIRBORNE SOLIDS AND FUMES WILL BE GENERATED; SOME OF WHICH MAY BE NOXIOUS OR TOXIC GASES.

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

TRANSPORTATION BY LAND (49CFR) NOT REGULATED

TRANSPORTATION BY AIR (ICAO/IATA) CLASS 2.2, AEROSOL, LIMITED QUANTITY, UN1950

TRANSPORTATION BY SHIP (IMO/IMDG): CLASS 2.2, AEROSOL, LIMITED QUANTITY, UN1950, MAY BE CONSIDERED A MARINE POLLUTANT (CONTAINS COPPER)

WHMIS: CONTROLLED IN CANADA. SUBDIVISION B OF DIVISION 2, CLASS D, (CONTAINS COPPER)

Section 15 – Regulatory Information

CALIFORNIA PROPOSITION 65: NO

OZONE DEPLETING SUBSTANCES: NONE

SARA TITLE III: COPPER

CERCLA: COPPER

RCRA: NO

DOT SHIPPING CLASS: NOT HAZARDOUS

TASCA INVENTORY: ALL INGREDIENTS LISTED

NFPA RATING: H-1, F-2, 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

COPPER PLATE 6 oz, 16 PART ISO MSDS