



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

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AEROSOL COP-GRAF™

Copper and Graphite Based ANTI-SEIZE COMPOUND

STOCK # ('S):11014

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	1.0mg/m3	SAME	YES	NO	5 TO 15
PETROLEUM OIL, AS MIST	64742-62-7	5.0mg/m3	SAME	NO	NO	5 TO 15
GRAPHITE	7782-42-5	2.5mg/m3	SAME	NO	NO	10 TO 20
PETROLEUM DISTILLATE	64741-84-0	400ppm	SAME	NO	NO	22 TO 30
BUTANE	106-97-8	1000ppm	SAME	NO	NO	10 TO 15
PROPANE	74-98-6	1000ppm	SAME	NO	NO	10 TO 15

Section 3- Hazard Identification

ROUTES OF ENTRY: SKIN EYES INHALATION INGESTION

HEALTH HAZARDS: THIS PRODUCT IS NOT EXPECTED TO CAUSE AN ACUTE OR CHRONIC HEALTH EFFECT WHEN USED UNDER NORMAL CONDITIONS. THE SOLVENTS CONTAINED IN THE PRODUCT HAVE BEEN KNOWN TO CAUSE SKIN IRRITATION WITH PROLONGED REPEATED EXPOSURE TO SKIN OR RESPIRATORY TRACT. USE WITH ADEQUATE VENTILATION OR LOCAL EXHAUST TO MAINTAIN THE AIR QUALITY.

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. THIS PRODUCT CONTAINS A PETROLEUM OIL AND PETROLEUM DISTILLATE. **DO NOT INDUCE VOMITING**, BECAUSE THE OIL MAY BE ASPIRATED INTO THE LUNGS. USE A GASTRIC LAVAGE, AND CALL A POISON CONTROL CENTER OR A PHYSICIAN.

INHALATION: IT IS NOT RECOMMENDED THAT LARGE QUANTITIES OF THIS PRODUCT BE DISCHARGED AT ONE TIME BECAUSE OF THE SOLVENT PRESENT. USE A LOCAL EXHAUST TO MAINTAIN AIR QUALITY .IF DIZZINESS OCCURS SEEK FRESH AIR. SYMPTOMS ARE REVERSIBLE. OR WEAR A "N.I.O.S.H" APPROVED ORGANIC VAPOR RESPIRATOR.

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

Section 5 – Fire Fighting Measures

FLASH POINT AND METHOD USED: EXTREMELY FLAMMABLE AEROSOL, OVER 400 F WHEN DRY

FLAMMABLE LIMITS: LEL: 1.05 UEL: 6.7 (FOR SOLVENTS BEFORE THEY EVAPORATE)

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: 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: AEROSOL CONTAINERS MAY BURST, RUPTURE .OR EXPLODE, IN A FIRE, DUE TO INTERNAL PRESSURE BUILD UP. LIQUID CONTENTS ARE FLAMMABLE. USE EXTREME CAUTION.

Section 6 – Accidental Release Measures

SPILL/ LEAKAGE PROCEDURES: AVOID BREATHING VAPORS. REMOVE ALL SOURCES OF IGNITION. USE ABSORBENT MATERIAL SUCH AS "OIL DRY" TO CONTAIN SPILL. TRANSFER TO ANOTHER CONTAINER FOR DISPOSAL.

Section 7 – Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE AWAY FROM HEAT, SPARKS OR OPEN FLAMES. STORE IN COOL, DRY, WELL VENTILATED ARE

OTHER PRECAUTIONS: DO NOT PUNCTURE OR TAMPER WITH VALVE. DO NOT SPRAY INTO EYES. KEEP AWAY FROM CHILDREN. READ THE ADDITIONAL CAUTION ON THE CAN LABEL.

Section 8 – Exposure Controls / Personal Protection

RESPIRATORY PROTECTION: NORMALLY NOT REQUIRED UNLESS LARGE QUANTITIES ARE DISCHARGED AT ONE TIME. THEN USE A LOCAL EXHAUST OR ORGANIC VAPOR RESPIRATOR.

PROTECTIVE GLOVES: NORMALLY NOT REQUIRED UNLESS WOUNDS ARE PRESENT OR PROLONGED SKIN CONTACT IS EXPECTED. THEN USE A LATEX OR NEOPRENE GLOVE

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 AND WATER, USING A NAIL BRUSH AFTER USING.

Section 9 – Physical and Chemical Properties

BOILING POINT: NO DATA

MELTING POINT: DOES NOT APPLY

VAPOR PRESSURE: HEAVIER THAN AIR

EVAPORATION RATE: SLOWER THAN ETHER

APPEARANCE AND ODOR: COPPER COLORED SPRAY, WITH GREASE LIKE ODOR WHEN DRY

SOLUBILITY IN WATER: NIL

REACTIVITY IN WATER: NONE

SPECIFIC GRAVITY: 1.2 (FOR CONCENTRATE)

PERCENT VOLATILE: 66

Section 10 – Stability and Reactivity

STABILITY: (X) STABLE () UNSTABLE

CONDITIONS TO AVOID: APPLICATION TO A HOT SURFACE. AVOID STORAGE AT TEMPERATURES ABOVE 120 F OR EXPOSURE TO OPEN FLAMES.

INCOMPATIBILITY: CONTACT WITH STRONG OXIDIZING AGENTS.

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

TRANSPORTATION BY LAND (49CFR); ORM-D, UN1950

TRANSPORTATION BY AIR (ICAO/IATA): UN1950, AEROSOL, EXTREMELY FLAMMABLE, 2, LTD QT.

TRANSPORTATION BY SHIP (IMO/IMDG): UN1950, AEROSOL, 2, LTD QT, CHECK PROVISIONS FOR MARINE POLLUTANT
WHMIS: NOT REGULATED.

Section 15 – Regulatory Information

CALIFORNIA PROPOSITION 65: NO

OZONE DEPLETING SUBSTANCES: NONE

SARA TITLE III: COPPER

U.N. NUMBER: UN 1950 CONSUMER COMMODITY

NFPA RATING: H-1, F-4, R-0

MARINE POLLUTANT: COPPER

RCRA: NO

DOT SHIPPING CLASS: ORM-D, UN1950

TASCA INVENTORY: ALL INGREDIENTS LISTED

IATA: AEROSOL, FLAMMABLE CLASS 2.1, UN1950

IMO: AEROSOLS, CLASS 2.1, UN 1950

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

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