



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

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P.P.	A

READY - STICK™ EPOXY PUTTY W / COPPER

STOCK # ('S): 34334

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
2,4,6 TRI (DIMETHYLAMINOMETHYL) PHENOL	90-72-2	NOT ESTABLISHED	SAME	NO	NO	5 -15
COPPER, AS FUME OR DUST	7440-50-8	10mg/m3	SAME	YES	NO	5 - 10
EPOXY RESIN	25068-38-6	5ppm	SAME	NO	NO	5 - 15
ZINC SULFIDE	1314-98-3	NOT ESTABLISHED	SAME	NO	NO	5 - 15

Section 3- Hazard Identification

ROUTES OF ENTRY: SKIN EYES INHALATION INGESTION

HEALTH HAZARDS: THIS PRODUCT IS RELATIVELY SAFE TO USE. SOME INGREDIENTS CONTAINED IN THE UN -CURED PRODUCT CAN IRRITATE THE SKIN OR MUCOUS MEMBRANES. IT IS RECOMMENDED THAT LATEX OR RUBBER GLOVES ARE WORN WHEN MIXING THIS PRODUCT. USE WITH ADEQUATE VENTILATION TO AVOID OVEREXPOSURE TO ANY VAPORS WHICH MAY BE GIVEN OFF WHILE THE PRODUCT IS CURING. THIS PRODUCT CONTAINS A SMALL AMOUNT OF COPPER WHICH CAN BECOME AIRBORNE IF THE MATERIAL IS SANDED. UNDER THESE CIRCUMSTANCES A DUST MASK SHOULD BE USED TO LIMIT YOUR EXPOSURE TO THIS DUST. SIGNS OF EXPOSURE MAY BE A METALLIC TASTE IN THE MOUTH.

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 AN EPOXY RESIN, DO NOT INDUCE VOMITING. CALL A POISON CONTROL CENTER OR A PHYSICIAN.

INHALATION: NOT LIKELY UNDER NORMAL CONDITIONS OF USE. .

CHEMICAL ('S) LISTED AS CARCINOGENS

NPT? NO I.A.R.C. ? : NO OSHA? : NO

Section 5 – Fire Fighting Measures

FLASH POINT AND METHOD USED: NONE, C.O.C.

FLAMMABLE LIMITS: LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: NONE FORESEEN.

UNUSUAL FIRE AND EXPLOSION HAZARDS: IN A FIRE SITUATION, CARBON MONOXIDE, ALDEHYDES, OXIDES OF SULFUR AND NITROGEN AND ACIDS MAY BE FORMED.

Section 6 – Accidental Release Measures

SPILL/ LEAKAGE PROCEDURES: NOT LIKELY, SOLID MATERIAL IN A STICK FORM. THE NATURE OF THIS PRODUCT MAKES SPILLS UNLIKELY. SCOOP UP THE MATERIAL AND RETURN TO ITS ORIGINAL CONTAINER.

Section 7 – Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN CLOSED CONTAINERS AWAY FROM INTENSE HEAT OR OPEN FLAMES. STORE AT TEMPERATURES BELOW 90 F. (32C). STORE IN A DRY AREA.

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

Section 8 – Exposure Controls / Personal Protection

RESPIRATORY PROTECTION: NORMALLY NOT REQUIRED.

PROTECTIVE GLOVES: NORMALLY NOT REQUIRED UNLESS PROLONGED OR REPEATED SKIN CONTACT IS EXPECTED, AND THEN USE LATEX OR NEOPRENE GLOVES.

EYE PROTECTION: SAFETY GLASSES ARE 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: DOES NOT APPLY

MELTING POINT: DOES NOT APPLY

VAPOR PRESSURE: NIL

EVAPORATION RATE: 0

APPEARANCE AND ODOR: SUPPLIED IN A STICK FORM, PUTTY, CHARACTERISTIC ODOR, GRAY

SOLUBILITY IN WATER: NIL

REACTIVITY IN WATER: NONE

SPECIFIC GRAVITY: 1.9

PERCENT VOLATILE: NIL

Section 10 – Stability and Reactivity

STABILITY: (X) STABLE () UNSTABLE

CONDITIONS TO AVOID: MIXING VERY LARGE QUANTITIES OF THIS MATERIAL MAY GENERATE EXCESSIVE HEAT DUE TO EXOTHERMIC REACTION.

INCOMPARABILITY, (MATERIALS TO AVOID): NONE REASONABLY FORESEEN.

HAZARDOUS DECOMPOSITION PRODUCTS: ALDEHYDES, ACIDS AND OXIDES OF CARBON, NITROGEN, AND SULFUR

Section 11 – Toxicological Information

RESPIRATORY PROTECTION: NORMALLY NOT REQUIRED UNLESS THE DRIED MATERIAL IS BEING SANDED, THEN A DUST MASK IS RECOMMENDED.

PROTECTIVE GLOVES: NORMALLY NOT REQUIRED UNLESS PROLONGED OR REPEATED SKIN CONTACT IS EXPECTED, AND THEN USE LATEX OR NEOPRENE GLOVES.

EYE PROTECTION: SAFETY GLASSES ARE 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 12 – Ecological Information

NO DATA

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): NOT REGULATED

TRANSPORTATION BY SHIP (IMO/IMDG): NOT REGULATED

COPPER IS A MARINE POLLUTANT; HOWEVER THE COPPER IN THIS PRODUCT IS ENCAPSULATED INTO AN EPOXY BASE WHICH WOULD PREVENT IT FROM ESCAPING.

Section 15 – Regulatory Information

1314-98-3, ZINC SULFIDE

OSHA, PEL: 5mg/m3

ACGIH, TLV: NOT ESTABLISHED

25068-38-6, EPOXY RESIN

OSHA, PEL: NOT ESTABLISHED
ACGIH, TLV: 5.00ppm

7440-50-8, COPPER, AS FUME OR DUST

OSHA, PEL: 5mg/m3
ACGIH, TLV: 5mg/m3

CALIFORNIA PROPOSITION 65: NO
OZONE DEPLETING SUBSTANCES: NONE
SARA TITLE III: NO
CERCLA: NO
WHMIS: NOT A CONTROLLED PRODUCT

RCRA: NO
DOT SHIPPING CLASS: NOT HAZARDOUS
TASCA INVENTORY: ALL INGREDIENTS LISTED
N.F.P.A. RATING: H-1, F-0, 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: 01/19/2009

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