



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

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

COOL - CUT

STOCK # ('S):17050

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

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

TELEPHONE #: 847-455-2300

24 Hr. EMERGENCY #: INFOTRAC@ 1-800-535-5053

SECTION II - COMPOSITION

	CAS #	OSHA PEL,	TLV	SARA III	PROP 65,	PERCENT
PERCHLOROETHYLENE	127-18-4	25ppm	15ppm	YES	YES	15-25
CARBON DIOXIDE	124-38-9	1000ppm	1000ppm	NO	NO	10 - 15

ALL MATERIALS ARE LISTED ON TASCA REGISTER.
CONTAIN A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO BE A SUSPECTED CARCINOGEN
CLEAN AIR ACT HAZARDOUS AIR POLLUTANT

SECTION III - PHYSICAL PROPERTIES

BOILING POINT: <0F – 252F
MELTING POINT: DOES NOT APPLY
VAPOR DENSITY (air=1): >1
EVAPORATION RATE (ether =1) : <1
APPEARANCE AND ODOR: CLEAR COLORED LIQUID, SOLVENT ODOR

SOLUBILITY IN WATER: NIL
REACTIVITY IN WATER: NONE
SPECIFIC GRAVITY: 1.52
PERCENT VOLATILE: 100

SECTION III - PHYSICAL PROPERTIES

BOILING POINT: <0 – 252FF
MELTING POINT: DOES NOT APPLY
VAPOR DENSITY (air=1): >1
EVAPORATION RATE (ether =1) : <1
APPEARANCE AND ODOR: CLEAR COLORED LIQUID, SOLVENT ODOR

SOLUBILITY IN WATER: NIL
REACTIVITY IN WATER: NONE
SPECIFIC GRAVITY: 1.5

SECTION IV - FIRE AND EXPLOSION DATA

AEROSOL FLAMMABILITY: NON-FLAMMABLE, PER FLAME EXTENSION TESTS

FLAMMABLE LIMITS: LEL: N.D. UEL: ND -----

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: CANS MAY RUPTURE, BURST OR EXPLODE IN A FIRE. USE EXTREME CAUTION. WATER MAY BE INEFFECTIVE BUT CAN BE USED TO COOL CONTAINERS TO PREVENT PRESSURE BUILD UP. WEAR GOGGLES AND A SELF CONTAINED BREATHING APPARATUS.

UNUSUAL FIRE AND EXPLOSION HAZARDS: CANS MAY RUPTURE OR BURST, RELEASING THEIR CONTENTS. VAPOR ACCUMULATION CAN FLASH OR EXPLODE IF IGNITED. OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD.

SECTION V- PHYSICAL HAZARDS

STABILITY: (X) STABLE () UNSTABLE

CONDITIONS TO AVOID: APPLICATION TO HOT SURFACES, STORAGE ABOVE 120F. EXPOSURE TO OPEN FLAMES.

INCOMPARABILITY ,(MATERIALS TO AVOID): AVOID CAUSTIC SODA, CAUSTIC POTASH, AS SHOCK SENSITIVE EXPLOSIVES MAY BE FORMED. STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS: COULD INCLUDE HYDROGEN CHLORIDE GAS. 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 VI - HEALTH HAZARDS AND FIRST AID

ROUTES OF ENTRY: SKIN EYES INHALATION INGESTION

HEALTH HAZARDS: READ THE WARNING LABELS ON THE CAN FOR ADDITIONAL INFORMATION.

THE SOLVENT CONTAINED IN THIS PRODUCT IS PRIMARILY A CENTRAL NERVOUS SYSTEM DEPRESSANT. INHALATION CAN CAUSE DIZZINESS, LIGHTHEADEDNESS, HEADACHE, EQUILIBRIUM, UNCONSCIOUSNESS OR EVEN DEATH IF IN CONFINED OR POORLY VENTILATED AREAS. DEPRESSION OF THE CIRCULATORY SYSTEM HAS BEEN REPORTED AS A RESULT OF OVEREXPOSURE TO HALOGENATED HYDROCARBONS. THE HEART MAY BE SENSITIZED AND VENTRICULAR ARRHYTHMIA MAY BE INDUCED BY EPINEPHRINE ADMINISTRATION.

LIQUID SPLASHED IN THE EYES CAN RESULT IN DISCOMFORT, PAIN OR IRRITATION. PROLONGED OR REPEATED CONTACT WITH LIQUID ON THE SKIN CAN CAUSE IRRITATION AND DERMATITIS. DO NOT ALLOW CLOTHING OR SHOES TO BECOME SATURATED. CHRONIC EXPOSURE ABOVE THE PERMISSIBLE EXPOSURE LIMITS MAY RESULT IN LIVER AND KIDNEY DAMAGE.

EMERGENCY FIRST AID PROCEDURES

SKIN: MAY BE ABSORBED THROUGH THE SKIN. WASH WITH SOAP AND WATER, USING A NAIL BRUSH. PAY PARTICULAR ATTENTION TO FINGER NAILS AND OPEN WOUNDS. REMOVE CONTAMINATED CLOTHING.

EYES: FLUSH EYE WITH WATER FOR 15 MINUTES, LIFTING THE EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN.

INGESTION: NOT A LIKELY ROUTE OF EXPOSURE, DO NOT INDUCE VOMITING, . USE A GASTRIC LAVAGE, AND CALL A POISON CONTROL CENTER OR A PHYSICIAN IMMEDIATELY.

INHALATION: THE SOLVENTS AND/OR PROPELLANTS IN THIS PRODUCT MAY EFFECT THE RESPIRATORY TRACT OR CENTRAL NERVOUS SYSTEM. AVOID OVEREXPOSURE. DIZZINESS OR RESPIRATORY IRRITATION ARE SIGNS OF OVEREXPOSURE. SEEK FRESH AIR. OR FOLLOW OTHER STANDARD MEDICAL PRACTICES..

CHEMICAL (S) LISTED AS CARCINOGENS : PERCHLOROETHYLENE

NPT ? : 2 I.A.R.C. ? : 2a OSHA ? : NO

SECTION VII - SPECIAL PRECAUTIONS AND SPILL PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN A COOL ,WELL VENTILATED AREA. DO NOT STORE ABOVE 120 F. .

OTHER PRECAUTIONS: DO NOT TAMPER WITH VALVE. DO NOT PUNCTURE, DO NOT SPAY IN EYES OR INGEST, READ THE PRODUCT LABEL FOR ADDITIONAL INFORMATION. KEEP AWAY FROM CHILDREN.

SPILL/ LEAKAGE PROCEDURES: AVOID BREATHING VAPORS. VENTILATE AREA AND REMOVE ALL SOURCES OF IGNITION. WEAR PROPER RESPIRATORY FILTERS OR SELF CONTAINED BREATHING APPARATUS. CLEAN UP AREA WITH ABSORBENT MATERIAL AND PLACE IN A CLOSE CONTAINER FOR PROPER DISPOSAL.. DO NOT ALLOW THIS MATERIAL TO ENTER SEWER SYSTEMS.

WASTE DISPOSAL: DISPOSE OF IN A RESPONSIBLE MANNER. MUST BE DISPOSED OF IN A PERMITTED HAZARDOUS WASTE MANAGEMENT FACILITY. FOLLOW LOCAL, STATE AND FEDERAL GUIDELINES. DO NOT DISCHARGE INTO SEWERS OR WATERWAYS. REFER TO OTHER SECTIONS OF THIS MSDS FORM FOR ADDITIONAL INFORMATION

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NORMALLY NOT REQUIRED. AVOID BREATHING VAPORS. IN RESTRICTED AREAS, USE A LOCAL EXHAUST TO REMOVE VAPORS, AND MAINTAIN AIR QUALITY. IF TLV'S ARE ABOVE ACCEPTABLE LIMITS USE A NIOSH APPROVED ORGANIC VAPOR RESPIRATOR.

PROTECTIVE GLOVES: NORMALLY NOT REQUIRED. IF PROLONGED OR REPEATED EXPOSURE IS EXPECTED, USE SOLVENT RESISTANT NEOPRENE GLOVES

EYE PROTECTION: SAFETY GLASSES WITH SIDE SPLASH SHIELDS 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 IX - REGULATORY INFORMATION

CALIFORNIA PROPOSITION 65: YES
OZONE DEPLETING SUBSTANCES: NO

SARA TITLE III : YES

CERCLA: YES

UN. NUMBER: UN 1950

RCRA: YES

DOT SHIPPING CLASS: ORM D 1950

TASCA INVENTORY : ALL INGREDIENTS LISTED

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

SECTION X - 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 .

DATE PREPARED: 4/27/05

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