



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

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# BATTERY PROTECTOR / SEALER

STOCK # ('S): 17211

## 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 HOUR EMERGENCY : INFOTRAC

### SECTION II – C OMPOSITION

	CAS #	OSHA PEL,	TLV	SARA III	PROP 65,	PERCENT
ACETONE	67-64-1	750ppm	750ppm	NO	NO	30 - 50
TOLUENE	108-88-3	200ppm	200 ppm	YES		10 - 20
PETROLEUM DISTILATE	64742-89-8	300ppm	300ppm	NO	NO	2 - 8
2 BUTOXYETHANOL	111-76-2	25ppm	25ppm ( SKIN)	YES		1 - 4
PROPANE / ISOBUTANE	74-98-6	1000ppm		NO	NO	5 - 15

### SECTION III - PHYSICAL PROPERTIES

**BOILING POINT:** - 44 F. TO 335 F

**MELTING POINT:** DOES NOT APPLY

**VAPOR DENSITY ( AIR = 1):** UNKNOWN

**EVAPORATION RATE (BUTYL ACETATE = 1):** UNKNOWN

**APPEARANCE AND ODOR:** AEROSOL PRODUCT

**SOLUBILITY IN WATER:** NIL

**REACTIVITY IN WATER:** NONE

**SPECIFIC GRAVITY:** 0.71

### SECTION IV - FIRE AND EXPLOSION DATA

**AEROSOL FLAMMABILITY:** EXTREMELY FLAMMABLE

**FLASH POINT :** -123 DEG. F. **METHOD USED:** T.C.C.

**FLAMMABLE LIMITS:** LEL: 1.0 UEL: 13

**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:** 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):**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 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.

MAY CAUSE DIZZINESS OR NARCOSIS IN HIGH VAPOR CONCENTRATIONS. WILL CAUSE DEFATTING OF SKIN, EFFECTS ARE REVERSIBLE. LONG TERM EXPOSURE ( YEARS ) TO HIGH CONCENTRATIONS OF VAPOR MAY CAUSE LUNG, LIVER OR KIDNEY DAMAGE. THE SOLVENTS LISTED HAVE BEEN REPORTED TO AFFECT THE CENTRAL NERVOUS SYSTEM. ASPIRATION HAZARD IF SWALLOWED. EYE AND SKIN IRRITANT. MAY IRRITATE THE RESPIRATORY TRACT. DELIBERATELY CONCENTRATING AND INHALING THE VAPOR OF THE CONTENTS MAY BE HARMFUL OR FATAL.

METHYLENE CHLORIDE WILL HAVE AN EFFECT ON THE CARDIOVASCULAR SYSTEM. PERCHLOROETHYLENE MAY CAUSE SPLEEN AND BRAIN DAMAGE. MAY CAUSE CARDIAC ABNORMALITIES.

### EMERGENCY FIRST AID PROCEDURES

**SKIN:** WASH WITH SOAP AND WATER, USING A NAIL BRUSH . PAY PARTICULAR ATTENTION TO FINGER NAILS AND OPEN WOUNDS.

**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.

**INHALATION:** AVOID OVEREXPOSURE. DIZZINESS OR RESPIRATORY IRRITATION ARE SIGNS OF OVEREXPOSURE. SEEK FRESH AIR. OR FOLLOW OTHER STANDARD MEDICAL PRACTICES..

**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:** 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. CLEAN UP AREA WITH ABSORBENT MATERIAL AND PLACE IN A CLOSE CONTAINER FOR DISPOSAL..

**WASTE DISPOSAL:** DISPOSE AS HAZARDOUS WASTE IN ACCORDANCE WITH EPA RCRA.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** NORMALLY NOT REQUIRED. IF SPRAYING MORE THAN 1/2 CAN CONTINUOUSLY, USE A NIOSH APPROVED ORGANIC VAPOR RESPIRATOR.

**PROTECTIVE GLOVES:** NORMALLY NOT REQUIRED

**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 - 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: 2/17/05**

**Battery Protect**