



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

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BATTERY PROTECTOR / SEALER

STOCK # ('S): 17211

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
ACETONE	67-64-1	750ppm	750ppm	NO	NO	30 - 50
TOLUENE	108-88-3	200ppm	200 ppm	YES	YES	10 - 20
PETROLEUM DISTILLATE	64742-89-8	300ppm	300ppm	NO	NO	2 - 8
2 BUTOXYETHANOL	111-76-2	25ppm	25ppm (SKIN)	YES	NO	1 - 4
PROPANE / ISOBUTANE	74-98-6	1000ppm		NO	NO	5 - 15

Section 3- Hazard Identification

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.

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: 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.

Section 5 – Fire Fighting Measures

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 6 – Accidental Release Measures

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.

Section 7 – Handling and Storage

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.

Section 8 – Exposure Controls / Personal Protection

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 9 – Physical and Chemical 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 10 – Stability and Reactivity

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 11 – Toxicological Information

CHEMICAL (S) LISTED AS CARCINOGENS:

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

SEE SECTION 2 FOR ADDITIONAL INFORMATION

Section 12 – Ecological Information

NO DATA AVAILABLE

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. REFER TO OTHER SECTIONS OF THIS MSDS FORM FOR ADDITIONAL INFORMATION.

Section 14- Transport Information

SHIPMENT BY LAND: CONSUMER COMMODITY, ORM-D

SHIPMENT BY WATER: AEROSOL, 2.1, UN 1950, LTD QTY

SHIPMENT BY AIR: AEROSOLS, FLAMMABLE, 2.1, UN 1950, LTD QT.

Canadian WHMIS Classification: NOT REGULATED

Hazard Class: FLAMMABLE, AEROSOL

Section 15 – Regulatory Information

CALIFORNIA PROPOSITION 65: YES

OZONE DEPLETING SUBSTANCES: NO

SARA TITLE III: TOLUENE

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-4, R-0

WHMIS: CLASS A, B5 FLAMMABLE AEROSOL

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 IT'S USE.

DATE: 1/20/2009

Battery Protector, 16 PART ISO MSDS