



H -	1
F -	0
R -	0
P.P.	A

TM
AST CONTACT CLEANER
AEROSOL
STOCK #:17035
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
N-PROPYL BROMIDE	106-94-5	100ppm	100ppm	NO	NO	85-95
ETHYL ALCOHOL	64-17-5	1000ppm	1000ppm	NO	NO	1 - 3
CARBON DIOXIDE	124-38-9	5000ppm	5000ppm	NO	NO	5 - 10

Section 3- Hazard Identification

ROUTES OF ENTRY: SKIN EYES INHALATION INGESTION

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

THE SOLVENT CONTAINED IN THESE PRODUCTS HAVE BEEN SHOWN TO AFFECT THE CENTRAL NERVOUS SYSTEM IN HIGH CONCENTRATIONS. THE SOLVENTS CONTAINED IN THIS PRODUCT COULD CAUSE NARCOSIS IN HIGH VAPOR CONCENTRATIONS. EFFECTS ARE REVERSIBLE. CHRONIC EXPOSURE, (YEARS) TO HIGH VAPOR CONCENTRATIONS COULD CAUSE LUNG, LIVER OR KIDNEY DAMAGE. PROLONGED AND REPEATED SKIN CONTACT CAN CAUSE DEFATTING AND DRYING OF THE SKIN. VAPORS IN HIGH CONCENTRATIONS CAN IRRITATE EYES OR NOSE. OVEREXPOSURE MAY CAUSE CARDIAC ABNORMALITIES. DO NOT ADMINISTER EPINEPHERINE OR SIMILAR DRUGS.

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. DO NOT ADMINISTER ADRENALINE FOLLOWING EXPOSURE.

INHALATION: THE SOLVENTS AND/OR PROPELLANTS IN THIS PRODUCT MAY AFFECT 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

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

Section 5 – Fire Fighting Measures

FLASH POINT: NONE,

AEROSOL FLAMMABILITY: NON FLAMMABLE

FLAMMABLE LIMITS: LEL: 4.6 UEL: 8.5

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 6 – Accidental Release Measures

SPILL/ LEAKAGE PROCEDURES: AVOID BREATHING VAPORS. VENTILATE AREA 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

	CAS #	OSHA PEL,	TLV
n-PROPYL BROMIDE	106-94-5	100ppm	100ppm
ETHYL ALCOHOL	64-17-5	1000ppm	1000ppm
CARBON DIOXIDE	124-38-9	5000ppm	5000ppm

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 SELF CONTAINED BREATHING APPARATUS.

PROTECTIVE GLOVES: NORMALLY NOT REQUIRED, SOLVENT RESISTANT IF REPEATED SKIN CONTACT IS EXPECTED.

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: 158 F

MELTING POINT: DOES NOT APPLY

VAPOR DENSITY (AIR = 1): HEAVIER THAN AIR

EVAPORATION RATE: SLOWER THAN ETHER

APPEARANCE AND ODOR: CLEAR SPRAY, AEROSOL PRODUCT

SOLUBILITY IN WATER: NIL

REACTIVITY IN WATER: NO

SPECIFIC GRAVITY: 1.29

PERCENT VOLATILE: 100

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): FRESHLY ABRADED ALUMINUM SURFACES, ALUMINUM, MAGNESIUM AND ZINC POWDERS OR CHEMICALLY ACTIVE METALS SUCH AS SODIUM, POTASSIUM OR CADMIUM

HAZARDOUS DECOMPOSITION PRODUCTS: (COMBUSTION) CAN DECOMPOSE TO HALOGEN ACIDS; 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.

DISPOSE AS HAZARDOUS WASTE IN ACCORDANCE WITH EPA RCRA STANDARDS.

Section 14- Transport Information

SHIPMENT BY LAND: CONSUMER COMMODITY, ORM-D

SHIPMENT BY WATER: AEROSOL, 2, UN 1950, LTD QTY

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

PACKAGING INSTRUCTION Y203 APPLIES TO THESE SHIPMENTS

WHMIS: NOT REGULATED.

Section 15 – Regulatory Information

CALIFORNIA PROPOSITION 65: NO

RCRA: NO

OZONE DEPLETING SUBSTANCES: NO

SARA TITLE III: NO

TASCA INVENTORY: ALL INGREDIENTS LISTED

CERCLA: NO

N.F.P.A. RATING: H-1, F-2, And R-0

DOT SHIPPING CLASS: ORM D, 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: 1/22/2009

CONTACT CLEANER AEROSOL, ISO 16 PART MSDS