



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

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# ALL-PURPOSE 4 - WAY™ AEROSOL, PENETRANT / LUBRICANT STOCK # ('S): 17061 MATERIAL SAFETY DATA SHEET

## Section 1- Chemical Product and Company Identification

**Manufacture:** Anti-Seize Technology  
2345 N. 17<sup>th</sup> 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
PETROLEUM DISTILLATES	8052-41-3	100ppm	100ppm	NO	NO	60-90
2 - BUTOXYETHANOL (SKIN)	111-76-2	25ppm	25ppm	NO	NO	1-20
PROPANE	74-98-6	1000ppm	1000ppm	NO	NO	10-30

## Section 3- Hazard Identification

**ROUTES OF ENTRY:**  SKIN  EYES  INHALATION  INGESTION

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

THIS PRODUCT IS NOT EXPECTED TO CAUSE AN ACUTE HEALTH RISK WHEN USED UNDER NORMAL CONDITIONS. THE PRODUCT DOES CONTAIN SOLVENTS WHICH CAN IRRITATE THE SKIN OR RESPIRATORY TRACT IF THE CONCENTRATION IS HIGH ENOUGH. AVOID PROLONGED OR REPEATED SKIN CONTACT. USE WITH ADEQUATE VENTILATION OR LOCAL EXHAUST TO MAINTAIN THE AIR QUALITY

## 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:** 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.

## Section 5 – Fire Fighting Measures

**AEROSOL FLAMMABILITY:** EXTREMELY FLAMMABLE

**FLAMMABLE LIMITS:** LEL: 0.9 UEL: 2.2

**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 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. 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

**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:** DOES NOT APPLY

**MELTING POINT:** DOES NOT APPLY

**VAPOR DENSITY (AIR = 1):** 4.0

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

**APPEARANCE AND ODOR:** CLEAR, AMBER COLORED LIQUID, SLIGHT ODOR

**SOLUBILITY IN WATER:** LIMITED

**REACTIVITY IN WATER:** NONE

**SPECIFIC GRAVITY:** 0.8

**PERCENT VOLATILE:** 85

### Section 10 – Stability and Reactivity

**STABILITY:** (X) STABLE ( ) UNSTABLE

**CONDITIONS TO AVOID:** APPLICATION TO HOT SURFACES, STORAGE ABOVE 120F. DO NOT SPRAY INTO 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

SEE SECTION 2 FOR EXPOSURE INFORMATION.

READ WARNINGS ON CAN LABEL.

### Section 12 – Ecological Information

NO INFORMATION AVAILABLE. 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. 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, UN 1950, LTD QTY

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

PACKAGING INSTRUCTION Y203 APPLIES TO THESE SHIPMENTS

**Canadian WHMIS Classification:** NOT REGULATED

**Hazard Class:** FLAMMABLE, AEROSOL

### Section 15 – Regulatory Information

**CALIFORNIA PROPOSITION 65:** NO

**OZONE DEPLETING SUBSTANCES:** NONE

**SARA TITLE III:** NO

**CECLCA:** NO

**RCRA:** NO

**DOT SHIPPING CLASS:** ORM-D, UN 1950

**TASCA INVENTORY:** ALL INGREDIENTS LISTED

**N.F.P.A. RATING:** H-1, F-4, 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:** 01/20/2009

**4 WAY PEN LUBE, 16 PART ISO MSDS.doc**