



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

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# BELT DRESSING

## STOCK # ('S):17030

# MATERIAL SAFETY DATA SHEET

### SECTION 1- PRODUCT IDENTIFICATION

**MANUFACTURE:** ANTI-SEIZE TECHNOLOGY

2345 N. 17th Ave.  
 FRANKLIN PARK, IL. 60131

**TELEPHONE #:** 847-455-2300

**24 HOUR EMERGENCY #:** INFOTRAC, 1-800-535-5053 or 352-323-3500

### SECTION 2 - COMPOSITION

	CAS#	PERCENT
HEXANE	110-54-3	35 - 50
ACETONE	67-64-1	5 - 15
PETROLEUM OIL	64742-52-5	10 - 20
PROPANE	74-98-6	1 - 8
BUTANE	106-97-8	1 - 8
MINERAL SPIRITS	64742-88-7	5 - 10

### SECTION 3 – HAZARDOUS IDENTIFICATION

**HAZARD DESCRIPTION:** IRRITANT

EXTREMELY FLAMMABLE

**PHYSICAL DANGERS:** HAS A NARCOTIZING EFFECT. CAN BE IRRITATING TO THE EYES AND THROAT.

DANGER! EXTREMELY FLAMMABLE LIQUID AND VAPOR IN A PRESSURIZED CONTAINER. VAPORS MAY CAUSE

**FLASH FIRE.**

KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES  
 CAN BE IRRITATING TO EYES  
 VAPORS MAY CAUSE DROWSINESS AND OR DIZZINESS  
 KEEP OUT OF REACH OF CHILDREN.

**EFFECTS OF SHORT TERM OVEREXPOSURE :** VAPORS CAUSE IRRITATION TO THE EYES, NOSE, THROAT, SKIN AND CENTRAL NERVOUS SYSTEM. SYMPTOMS MAY INCLUDE DIZZINESS, THROAT IRRITATION, HEADACHE, FATIGUE, SWELLING OF EYES AND NAUSEA.

**EFFECTS OF CHRONIC**

**OVEREXPOSURE:** MAY CAUSE PERMANENT BRAIN AND CENTRAL NERVOUS SYSTEM DAMAGE. REPEATED OVEREXPOSURE CAN ALSO DAMAGE KIDNEYS, LUNGS, LIVER, HEART AND BLOOD. INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

**NFPA RATING (SCALE 0-4):** HEALTH = 1, FIRE = 4, REACTIVITY = 0

**HMIS RATING (SCALE 0 -4):** HEALTH =2, FIRE = 4, PHYSICAL HAZARD = 1

### SECTION 4- FIRST AID

**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 AND EXPLOSION DATA

**AEROSOL FLAMMABILITY:** EXTREMELY FLAMMABLE

**FLASH POINT:** -40 DEG. F. **METHOD USED:** T.C.C.

**FLAMMABLE LIMITS:** LEL: 1.8 UEL: 12.0

**EXTINGUISHING MEDIA:** FOAM, CO<sub>2</sub>, 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:** IF THE CAN RUPTURES, CONTAIN THE MATERIAL USING ABSORBENT PADS. 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

**FIRE AND EXPLOSION PROTECTION:** DO NOT SPRAY ON AN OPEN FLAME OR ANY INCANDESCENT MATERIAL.

DO NOT SMOKE. PROTECT FROM ELECTROSTATIC DISCHARGE, UNTIL MATERIAL IS DRY.

**STORAGE REQUIREMENTS:** OBSERVE PRESSURIZED CONTAINER STORAGE REGULATIONS. CONSULT WITH YOUR LOCAL AUTHORITIES. KEEP AWAY FROM SOURCES OF HEAT AND DIRECT SUNLIGHT. DO NOT WAREHOUSE IN SUBFREEZING CONDITIONS.

## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

COMPONENTS WITH LIMIT VALUES THAT REQUIRE MONITORING AT THE WORKPLACE

**74-98-6, PROPANE** PEL: 1800mg/m<sup>3</sup>, 1000 ppm  
REL: 1800mg/m<sup>3</sup>, 1000 ppm  
TLV: 4508mg/m<sup>3</sup>, 2500 ppm

**106-97-8, n-BUTANE** REL: 1900 mg/m<sup>3</sup>, 800 ppm  
TLV: 1900 mg/m<sup>3</sup>, 800 ppm

**142-82-5, HEPTANE**  
OSHA PEL500ppm  
(1800mg/m<sup>3</sup>)  
NIOSH REL50ppm  
180mg/m<sup>3</sup>  
ACGIH 50ppm  
180mg/m<sup>3</sup>

**67-64-1, ACETONE** OSHA PEL: 2400mg/m<sup>3</sup>  
1000ppm  
ACGIH TLV: 590mg/m<sup>3</sup>  
250ppm  
TLV: STV, 1782mg/m<sup>3</sup>  
750ppm  
LTV, 1188mg/m<sup>3</sup>  
500ppm

**64742-88-7, MINERAL SPIRITS**  
OSHA PEL 500 ppm  
2900mg/m<sup>3</sup>  
NIOSH REL 350mg/m<sup>3</sup>  
1800mg/m<sup>3</sup>  
ACGIH 350mg/m<sup>3</sup>  
1800mg/m<sup>3</sup>

## SECTION 9 - PHYSICAL PROPERTIES

**BOILING POINT:** -40 TO 158 F

**MELTING POINT:** DOES NOT APPLY

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

**EVAPORATION RATE:** >1

**APPEARANCE AND ODOR:** CLEAR COLORED SPRAY, SOLVENT ODOR

**SOLUBILITY IN WATER:** NIL

**REACTIVITY IN WATER:** NONE

**SPECIFIC GRAVITY:** 0.7

**VAPOR PRESSURE:** (PSIG @70F) NO DATA

## 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.

## SECTION 11- TOXICOLOGICAL INFORMATION

THE PRODUCT CAN BE HARMFUL AND AN IRRITANT TO EYES, AND RESPIRATORY TRACT.

THE SOLVENTS CONTAINED IN THIS PRODUCT CAN BE SKIN AND EYE IRRITANTS. EFFECT THE CENTRAL NERVOUS SYSTEM. REPEATED CHRONIC OVEREXPOSURE COULD CAUSE PERMANENT DAMAGE TO THE CENTRAL NERVOUS SYSTEM. DO NOT PURPOSEFULLY CONCENTRATE AND BREATHE THE FUMES.

## SECTION 12 – ECOLOGICAL INFORMATION

Environmental Toxicity:

This material is not expected to be toxic to aquatic life. The LC50/96-hour values for fish are over 100 mg/l.

## SECTION 13 – DISPOSAL CONSIDERATIONS

**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 – TRANSPARATION 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 – REGULATIONS

**SARA 355 (EXTREMELY HAZARDOUS CHEMICALS)**

NONE

**SARA 313**

ACETONE

**TSCA:** ALL INGREDIENTS ARE LISTED

**PROPOSITION 65**

NO

**CARCINOGENS:**

NONE LISTED

## SECTION 16- OTHER

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 ITS USE.

**DATE PREPARED: 1/20/2009**

**Belt Dressing ISO 16 PART MSDS**