



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

H.M.I.S.

H - 0

F - 0

R - 0

P.P. A

PTFE SPRAY WITH PTFE LIGHT COAT DRY FILM LUBRICANT & RELEASE AGENT STOCK # ('S): 17075 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

Section 2-Composition/ Information on Ingredients

	CAS #	OSHA PEL,	TLV	SARA III	PROP 65,	PERCENT
V.M.P. NAPHTHA	64742-89-8	300ppm	300ppm	NO	NO	1 - 10
TOLUENE	108-88-3	50ppm	100ppm	NO	YES	<1
PROPANE / ISOBUTANE	74-98-6	1000ppm	1000ppm	NO	NO	5-8
HEPTANE	142-82-5	400ppm	500ppm	NO	NO	45 - 55
TALC	14807-96-6	2mg/m3	2mg/m3	NO	NO	5 - 15
ACRYLIC COPOLYMER	NONE	NOT ESTABLISHED		NO	NO	1-10
POLYTETRAFLUOROETHANE	9002-84-0	NOT ESTABLISHED		NO	NO	1 - 10

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 REACTION WHEN USED UNDER NORMAL CONDITIONS. USE ADEQUATE VENTILATION TO MAINTAIN THE AIR QUALITY OR USE A LOCAL EXHAUST OR ORGANIC VAPOR RESPIRATOR. DO NOT DELIBERATELY CONCENTRATE THE SOLVENTS. THE SOLVENTS CONTAINED IN THIS PRODUCT CAN AFFECT THE CENTRAL NERVOUS SYSTEM UNDER EXTREME CONDITIONS. YOU SHOULD NOT SMOKE WHILE USING THIS PRODUCT. TOBACCO PRODUCTS, CONTAMINATED WITH PTFE, HAVE BEEN KNOWN TO PRODUCE SYMPTOMS REFERRED TO AS "POLYMER FUME FEVER".

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, CARDIOVASCULAR SYSTEM 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: TOLUENE, TRACE AMOUNT, CONTAINED AS A BYPRODUCT IN VMP NAPHTHA
NPT? NO I.A.R.C.? : YES OSHA? : NO

Section 5 – Fire Fighting Measures

AEROSOL FLAMMABILITY: FLAMMABLE

FLAMMABLE LIMITS: LEL: 0.9 UEL: 9.5

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 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: -40 TO 390 F.	SOLUBILITY IN WATER: NIL
MELTING POINT: DOES NOT APPLY	REACTIVITY IN WATER: NONE
VAPOR DENSITY (AIR = 1): 4	SPECIFIC GRAVITY: 0.7
EVAPORATION RATE (BUTYL ACETATE = 1): < 1	PERCENT VOLATILE: ~ 85 (VOC)
APPEARANCE AND ODOR: WHITE SPRAY, SOLVENT ODOR	

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

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.

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: TOLUENE < 1%	RCRA: NO
OZONE DEPLETING SUBSTANCES: NONE	DOT SHIPPING CLASS: ORM-D
SARA TITLE III: NO	TASCA: INGREDIENTS ARE LISTED
NFPA 30 B LEVELS: 1	

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: 01/27/2009

PTFE LIGHT COAT, 16 PART ISO MSDS

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

Section 2-Composition/ Information on Ingredients

CAS #	OSHA, PEL	OSHA TLV	302	355	372	%
-------	-----------	----------	-----	-----	-----	---

Section 3- Hazard Identification

(INSERT TOP PART OF SECTION VI- HEALTH HAZARDS)

Section 4 – First Aid Measures

(INSERT BOTTOM SECTION OF SECTION VI FIRST AID)

Section 5 – Fire Fighting Measures

INSERT SECTION IV – FIRE AND EXPLOSION DATA

Section 6 – Accidental Release Measures

SPILL/ LEAKAGE PROCEDURES: VII

Section 7 – Handling and Storage

INSERT SECTION VII- TOP TWO SECTIONS HANDLING AND STORAGE + OTHERS

Section 8 – Exposure Controls / Personal Protection

INSERT SECTION VIII SPECIAL PROTECTION INFORMATION

Section 9 – Physical and Chemical Properties

INSERT SECTION III PHYSICAL PROPERTIES

Section 10 – Stability and Reactivity

INSERT SECTION V PHYSICAL HAZARDS

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.

Section 14- Transport Information

SHIPMENT BY LAND:

SHIPMENT BY WATER:

SHIPMENT BY AIR:

WHMIS:

Section 15 – Regulatory Information

INSERT SECTION IX REGULATORY INFORMATION

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:

Blank ANSI Style MATERIAL SAFETY DATA SHEET Form