



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

H.M.I.S.	
H -	0
F -	0
R -	0
P.P.	

PTFE

THREAD SEAL TAPES

**POLY-TEMP[®], POLY-TEMP[®] HD, POLY-TEMP[®] XHD
POLY-TEMP[®] GAS, POLY-TEMP[®] PINK AND
LOW DENSITY PTFE TAPE**

**STOCK # ('S): 16025,16030, 16030A, 16035, 16035A, 16040, 16045, 16050,16050A, 16055,16060
46125, 46135, 46150, 46230, 46235, 46250, 46330, 46335, 46345, 46350, 46430, 46430A,
26130, 26135, 26140, 26145, 26150, 26155, 26160**

MATERIAL SAFETY DATA SHEET

SECTION I - 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

SECTION II - COMPOSITION

	CAS #	OSHA PEL,	TLV	SARA III	PROP 65,	PERCENT
POLYTETRAFLUROETHANE (99.9% virgin material)	9002-84-0	NOT ESTABLISHED		NO	NO	100

SECTION III - PHYSICAL PROPERTIES

BOILING POINT: DOES NOT APPLY

MELTING POINT: OVER 500 F

VAPOR PRESSURE: 0

EVAPORATION RATE: 0

APPEARANCE AND ODOR: WHITE PLASTIC LIKE TAPE , NO ODOR

SOLUBILITY IN WATER: NONE

REACTIVITY IN WATER: NONE

SPECIFIC GRAVITY: 0.35 – 1.5 depending on grade of tape

PERCENT VOLATILE: 0

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT AND METHOD USED: DOES NOT APPLY. DOES NOT BURN

FLAMMABLE LIMITS: LEL: NO DATA UEL: NO DATA

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: MAY EMIT TOXIC FUMES IN A FIRE. DOES NOT BURN WITHOUT AN EXTERNAL SOURCE OF FUEL. WEAR A " N.I.O.S.H." APPROVED ORGANIC VAPOR RESPIRATOR.

UNUSUAL FIRE AND EXPLOSION HAZARDS: DENSE SMOKE AND NOXIOUS OR TOXIC FUMES MAY BE GENERATED IN A FIRE. FIRE FIGHTERS SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS.

SECTION V- PHYSICAL HAZARDS

STABILITY: (X) STABLE () UNSTABLE

CONDITIONS TO AVOID: TEMPERATURE OVER 500F

INCOMPATABILITY, (MATERIALS TO AVOID): FLOURINE AND RELATED COMPOUNDS, CHLORINE TRIFLUORIDE, ALKALI METALS, INTERHALOGEN COMPOUNDS.

HAZARDOUS DECOMPOSITION PRODUCTS: IF THE SERVICE TEMPERATURES EXCEEDS 750 F. THEN "PTFE" WILL BEGIN TO UNDERGO THERMAL DECOMPOSITION. AT THESE TEMPERATURES "PTFE" CAN EMIT ACUTELY TOXIC VAPORS. THESE VAPORS CAN INCLUDE HEXAFLUOROPROPYLENE, PERFLUOROISOBUTYLENE AND CARBONYL FLUORIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARDS AND FIRST AID

ROUTES OF ENTRY: SKIN EYES INHALATION INGESTION

HEALTH HAZARDS: "PTFE" IS RELATIVELY NON-TOXIC. THE PRIMARY HEALTH HAZARD ASSOCIATED WITH "PTFE" IS EXTREMELY HIGH TEMPERATURE THERMAL DECOMPOSITION BY PRODUCTS. **DO NOT USE THIS PRODUCT IN APPLICATIONS WHERE THE TEMPERATURE IS EXPECTED TO EXCEED 550F** AT TEMPERATURES EXCEEDING 572 F., PARTICULATE MATTER CAN FORM WHICH COULD RESULT IN A CONDITION KNOWN AS "POLYMER FUME FEVER", A TEMPORARY FLU-LIKE CONDITION WITH CHILLS, FEVER, NAUSEA MUSCLE OR JOINT ACHE AND SOMETIMES COUGH. THIS CAN OCCUR IF TOBACCO PRODUCTS ARE CONTAMINATED WITH PTFE PARTICLES WHICH IS UNLIKELY WITH THIS PRODUCT.

EMERGENCY FIRST AID PROCEDURES

SKIN: WASH WITH SOAP AND WATER,

EYES: UNLIKELY

INGESTION: IF INGESTED THIS PRODUCT IS NOT EXPECTED TO CAUSE AN ACUTE REACTION. CALL A POISON CONTROL CENTER OR A PHYSICIAN.

INHALATION: NOT LIKELY UNDER NORMAL CONDITIONS OF USE. IF USING IN HIGH TEMPERATURE APPLICATIONS WHERE THERMAL DECOMPOSITION IS LIKELY, USE A LOCAL EXHAUST TO REMOVE FUMES. IF DIZZINESS OR IRRITATION OCCURS, SEEK FRESH AIR.

CHEMICAL (S) LISTED AS CARCINOGENS

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

SECTION VII - SPECIAL PRECAUTIONS AND SPILL PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: NONE REASONABLY FORESEEN.

OTHER PRECAUTIONS: KEEP AWAY FROM CHILDREN.

SPILL/ LEAKAGE PROCEDURES: DOES NOT APPLY

WASTE DISPOSAL: DISPOSE OF IN A RESPONSIBLE MANNER. FOLLOW LOCAL, STATE AND FEDERAL GUIDELINES. . INCINERATION IS THE PREFERRED METHOD OF DISPOSAL, ALTHOUGH IT MAY BE LANDFILLED AT AN APPROVED FACILITY.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NORMALLY NOT REQUIRED. IF THIS PRODUCT IS BEING USED IN HIGH TEMPERATURE APPLICATIONS WHERE THE PRODUCT "SMOKES", USE A LOCAL EXHAUST OR VENTILATE THE AREA TO MAINTAIN THE AIR QUALITY. A "N.I.O.S.H." APPROVED ORGANIC VAPOR RESPIRATOR IS ALSO ACCEPTABLE.

PROTECTIVE GLOVES: NOT REQUIRED.

EYE PROTECTION: NOT REQUIRED.

WORK/HYGIENIC PRACTICES: USE GOOD STANDARD PRACTICES WHEN USING THIS MATERIAL. DO NOT SMOKE WHILE USING.

SECTION IX - REGULATORY INFORMATION

CALIFORNIA PROPOSITION 65: NO

OZONE DEPLETING SUBSTANCES: NONE

SARA TITLE III: NO

CERCLA: NO

RCRA: NO

DOT SHIPPING CLASS: NOT HAZARDOUS

TASCA INVENTORY: ALL INGREDIENTS LISTED

NFPA RATING: H-2, F-1,R-0

SECTION X - DISCLAIMER

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: 08/10/05

PTFE TAPE, ALL GRADES EXCEPT COPPER, NICKEL, CERAMIC