



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

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P.P.	A

POLY-TEMP[®] MD

STOCK#: 16005,16005A,16025, 16030, 16030A,16035, 16035A, 16040, 16045,
16050, 16050A, 16055,16060, 16065

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	PERCENT
POLYTETRAFLUROETHYLENE (99.9% virgin material)	9002-84-0	NOT ESTABLISHED		100

Section 3- Hazard Identification

ROUTES OF ENTRY: SKIN EYES INHALATION INGESTION

HEALTH HAZARDS: "PTFE (a.k.a. TEFLON) 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. OTHER TOXIC AND CORROSIVE FUMES MAY BE EVOLVED.

Section 4 – First Aid Measures

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 5 – Fire Fighting Measures

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

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 6 – Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: SUPPLIED AS A SOLID TAPE LIKE MATERIAL. DOES NOT APPLY

Section 7 – Handling and Storage

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

OTHER PRECAUTIONS: KEEP AWAY FROM CHILDREN.

SPILL/ LEAKAGE PROCEDURES: DOES NOT APPLY

Section 8 – Exposure Controls / Personal Protection

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 9 – Physical and Chemical Properties

BOILING POINT: DOES NOT APPLY
MELTING POINT: OVER 500 F
VAPOR PRESSURE: 0
tape
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
PERCENT VOLATILE: 0

Section 10 – Stability and Reactivity

STABILITY: (X) STABLE () UNSTABLE
CONDITIONS TO AVOID: TEMPERATURE OVER 500F
INCOMPATIBILITY, (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 11 – Toxicological Information

LD50: NOT DATA
LC50: NOT DATA
PTFE (a.k.a. "TEFLON") IS NOT CONSIDERED TOXIC

Section 12 – Ecological Information

NOT EXPECTED TO POSE ANY HAZARDS

Section 13 – Disposal Consideration

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 14- Transport Information

TRANSPORTATION BY LAND (49CFR): NOT REGULATED
TRANSPORATION BY AIR (ICAO/IATA): NOT REGULATED
TRANSPORATION BY SHIP (IMO/IMDG): NOT REGULATED

Section 15 – 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 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.

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