



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

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

POLY-TEMP® VSP™
TFE VALVE STEM PACKING
STOCK # ('S):19093,19094,19155,19156,19217,19218,19281
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	9002-84-0	NOT ESTABLISHED		NO	NO	100

"TEFLON" (DuPONT TRADEMARK)

SECTION III - PHYSICAL PROPERTIES

BOILING POINT: DOES NOT APPLY	SOLUBILITY IN WATER: NONE
MELTING POINT: OVER 500 F	REACTIVITY IN WATER: NONE
VAPOR PRESSURE: 0	SPECIFIC GRAVITY: NO DATA
EVAPORATION RATE: 0	PERCENT VOLATILE: 0
APPEARANCE AND ODOR: WHITE PLASTIC LIKE TAPE	

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
INCOMPARABILITY ,(MATERIALS TO AVOID): ALKALI METALS, INTERHALOGEN COMPOUNDS.
HAZARDOUS DECOMPOSITION PRODUCTS: IF THE SERVICE TEMPERATURES EXCEEDS 750 F. THEN "TEFLON" WILL BEGIN TO UNDERGO THERMAL DECOMPOSITION. AT THESE TEMPERATURES "TEFLON" 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: "TEFLON" IS RELATIVELY NON-TOXIC. THE PRIMARY HEALTH HAZARD ASSOCIATED

WITH "TEFLON" IS EXTREMELY HIGH TEMPERATURE THERMAL DECOMPOSITION BY PRODUCTS. DO NOT USE THIS PRODUCT IN APPLICATIONS WHERE THE TEMPERATURE IS EXPECTED TO EXCEED 550F. IF TOBACCO PRODUCTS ARE CONTAMINATED WITH "TEFLON" THEN A CONDITION KNOWN AS "POLYMER FUME FEVER" CAN OCCUR. THE EFFECTS ARE REVERSIBLE.

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

RCRA: NO

OZONE DEPLETING SUBSTANCES: NONE

DOT SHIPPING CLASS: NOT REGULATED

SARA TITLE III :

TASCA INVENTORY : ALL INGREDIENTS LISTED

CERCLA: NO

N.F.P.A. RATING: H-0,F-2,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 IT'S USE.

DATE PREPARED: 8/26/04

Poly-temp VSP