

ITEM: 4X227 - SEALANT TAPE

MSDS: A6632

PI REQ: 1005595736

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

MATERIAL SAFETY DATA SHEET - A6632

Associated Grainger Item: 4X227 - SEALANT TAPE

A
ANTI-SEIZE TECHNOLOGY
A.S.T. INDUSTRIES, INC.

TEFLON TAPE 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

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

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,
POLYTETRAFLUOROETHANE (99.9% VIRGIN MATERIAL)	9002-84-0	NOT ESTABLISHED	NO	NO	NO

PERCENT

POLYTETRAFLUOROETHANE
(99.9% VIRGIN MATERIAL)

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: 0.35-1.5 DEPENDING ON GRADE OF TAPE

EVAPORATION RATE: 0

PERCENT VOLATILE: 0

APPEARANCE AND ODOR: WHITE PLASTIC LIKE TAPE, NO ODOR

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:
STABLE
UNSTABLE

CONDITIONS TO AVOID: TEMPERATURE OVER 500F

INCOMPATIBILITY, (MATERIALS TO AVOID):
FLUORINE AND RELATED COMPOUNDS, CHLORINE TRIFLUORIDE, 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
(X) 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 550 F 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 TEFLON 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:

NTP ? : 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: 08/10/04

TEFLON TAPE, ALL GRADES EXCEPT COPPER, NICKEL, CERAMIC