

BOWMAN DISTRIBUTION MATERIAL SAFETY DATA SHEET

Health	0
Flammability	0
Reactivity	0
Personal Protection	

Health	0
Flammability	0
Reactivity	0
Specific Hazard	

HMIS Ratings

NFPA Ratings

SECTION I

PRODUCT NAME TEFLON® SEALANT TAPE		BOWMAN PART NO. 21463, 21464 (page 1 of 2)
SUPPLIER Bowman Distribution, Barnes Group Inc.	INFORMATION TELEPHONE NO. (216) 416-7200	24 HR. EMERGENCY TELEPHONE NO. (303) 623-5716
ADDRESS 1301 E. 9th St., Suite 700, Cleveland, Ohio 44114-1824		DATE 6/9/97
HAZARDOUS MATERIAL DESCRIPTION, PROPER SHIPPING NAME, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101) None		
ADDITIONAL HAZARD CLASSES (as applicable) None		
CHEMICAL FAMILY N.A.	FORMULA Proprietary	

SECTION II - HAZARDOUS INGREDIENTS

CAS REGISTRY NUMBER	%W	%V	CHEMICAL NAME(S)	OSHA PEL	ACGIH TLV	Other Limits	Listed as Carcinogen NTP, IARC or OSHA 1910(z) (specify)
9002-84-0	100		POLYTETRAFLUOROETHYLENE (PTFE)	N.A.	N.A.	N.A.	No
			PTFE Tape, as such, is not a hazardous material. It is a processed solid polymer temperature range -450° to +500°F.				

ALL CHEMICAL COMPOUNDS MARKED WITH AN ASTERISK () ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR PART 372.

TEFLON® IS A REGISTERED TRADEMARK OF THE DUPONT CORPORATION

SECTION III - PHYSICAL DATA

BOILING POINT: N.A. _____ °F _____ °C	SPECIFIC GRAVITY (H ₂ O = 1)	2.1-2.2	MAXIMUM PERCENT VOC BY WEIGHT (%) % <u>N.A.</u> Method used <u>Calculated</u>
VAPOR PRESSURE: N.A. @ _____ °F _____ °C <input type="checkbox"/> mm Hg <input type="checkbox"/> psi	PERCENT VOLATILE BY VOLUME (%)	N.A.	AUTO IGNITION TEMPERATURE N.A.
VAPOR DENSITY (AIR = 1) N.A.	EVAPORATION RATE (Ether = 1)	N.A.	MELTING POINT 341°C (642°F)
SOLUBILITY IN WATER REACTIVITY IN WATER None	PH =	N.A.	PERCENT SOLID BY WEIGHT (%) 100 %
APPEARANCE AND ODOR White	MATERIAL IS: Solid		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT N.A. _____ °F _____ °C method used	FLAMMABLE LIMITS	LEL N.A.	UEL N.A.
EXTINGUISHING MEDIA N.A. Use media suitable for surrounding fire.			
SPECIAL FIRE FIGHTING PROCEDURES Self contained breathing apparatus with full facepiece and protective clothing if involved with other materials.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Product will emit toxic fumes at high temperatures above 800°F Tetrafluoropropylene; above 825°F Hexafluoropropylene; above 885°F; Fluorobutylene; above 930°F Carbonyl Fluoride.			

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N.A. - Not Applicable
N.E. - Not Established
N.D. - Not Determined

SECTION V - HEALTH HAZARD DATA

HEALTH HAZARDS (ACUTE AND CHRONIC - INCLUDE TARGET ORGAN EFFECTS) Inhalation of decomposition products; otherwise none. Acute: Flu like transient sickness; Chronic: Could be fatal. Chemical listed as Carcinogen: National Toxicology Program: No; I.A.R.C. Monographs: No; OSHA: No.	
CONDITIONS TO AVOID None	
SIGNS AND SYMPTOMS OF EXPOSURE Flu like fever.	
PRIMARY ROUTES OF ENTRY 1. Inhalation: No toxic effect from dusts. 2. Eyes: Mechanical irritation. 3. Skin: Probably non-irritating and non absorbing. 4. Ingestion: PTFE has been shown to be inert when ingested by rats.	
EMERGENCY AND FIRST AID PROCEDURES Move to fresh air. Refer to physician.	
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE Respiratory inflammation.	

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	x	Heating above 750°F for prolonged periods.
INCOMPATIBILITY (materials to avoid) Molten Alkali Metals: Interhalogen compounds.			
HAZARDOUS DECOMPOSITION PRODUCTS: See section IV. Toxic fumes at high temperatures.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	x	N.A.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Sweep up to prevent slippage on tape.	
WASTE DISPOSAL METHOD Conforming to all application regulations.	
CERCLA (Superfund) REPORTABLE QUANTITY (in lbs.) N.A.	
RCRA HAZARDOUS WASTE NO. (40 CFR 261.33) N.A.	
VOLATILE ORGANIC COMPOUND (VOC) as packaged, minus water N.A.	<input type="checkbox"/> Theoretical _____ lb/gal <input type="checkbox"/> Analytical _____ lb/gal

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type) N.A. Except as in Section IV.		
VENTILATION	LOCAL EXHAUST (specify rate) N.A.	SPECIAL N.A.
	MECHANICAL (general) (specify rate) N.A.	OTHER N.A.
PROTECTIVE GLOVES (specify type) N.A.	EYE PROTECTION (specify type) N.A.	
OTHER PROTECTIVE EQUIPMENT N.A.	WORK/HYGIENIC PRACTICES No smoking while handling material.	

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING No unusual precautions.	
OTHER PRECAUTIONS None	