

BOWMAN DISTRIBUTION MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT NAME Teflon® Sealant Tape	BOWMAN PART NO. Series 21 463, 21464
PIERBOWMAN DISTRIBUTION, BARNES GROUP INC.	EMERGENCY TELEPHONE NO. (216)391-7200
ADDRESS 850 East 72nd Street, Cleveland, OH 44103	DATE 7/8/86

DESCRIPTIONS:

Polytetrafluoroethylene Unsintered Tape

SECTION 2: HAZARDOUS INGREDIENTS

INGREDIENT	HAZARD DATA
Polytetrafluoroethylene 99 min.	* Thermal decompositon is not significant below 260°C. Fluorine-containing thermal - oxidative degradation products are hazardous, but no TLV established.

HAZARD DATA SOURCE:

* NIOSH (1977) "Deconposition Products of Fluorocarbon Polymers"

SECTION 3: PHYSICAL DATA

STATE	SPECIFIC GRAVITY	APPEARANCE AND ODOR
Solid	0.4 - 1.0 (Bulk Density)	White, No odor

OTHERS:

None

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD)	EXPLOSIVE RANGE
Non-flammable	Not applicable

OTHERS

Corrplies with U.L 94V-0 under normal conditions. Content of max. 1% of residual lubricant may create fire or explosive risk in some special cases. For application involving high concentrations of

SECTION 5: HEALTH HAZARD DATA

T L V	SEE SECTION 2.
HAZARD INFORMATION	Unheated P.T.F.E. product is inert, and there are no known instances of health hazard from handling unheated P.T.F.E. product. When heated at high temperatures, it will thermally degrade and decompose and produce toxic fumes. Inhalation of such fumes will cause "Polymer Fume Fever", which has symptoms very similar to influenza and can include headache, cough, fever, chills, etc.
FIRST AID	Remove victim to fresh air and call a physician.

SECTION 6: REACTIVITY DATA

It is a stable inert polymer product, resistant to nearly all chemicals and solvents, except molten alkali, certain halogen products, and fluorine (at high temperatures and pressures).

SECTION 7: SPILL LEAK AND DISPOSAL PROCEDURES

Disposal Procedure: Do not incinerate.
Obey local rules, laws, regulations, etc.

SECTION 8: SPECIAL PROTECTION INFORMATION

For normal use, protective gears, such as masks, respirators, etc. are not specially needed. When used at high temperatures, toxic fumes will be produced from thermal degradation and/or decomposition of P.T.F.E. and therefore, proper ventilation equipment shall be installed and used.

SECTION 9: SPECIAL PRECAUTIONS

P.T.F.E. products are non-flammable, but will thermally degrade and decompose, and therefore, do not store them together with flammable materials.
Obey up-to-date local rules, laws, regulations, etc.