

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

PART #
 P12660
 P12520
 P34260
 P34520

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OMB No. 1218-0072



IDENTITY (As Used on Label and List)

INERTECH EXPANDED PTFE MATERIAL

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name INERTECH INC.	Emergency Telephone Number (626) 282-2000
Address (Number, Street, City, State, and ZIP Code) 641 MONTEREY PASS ROAD MONTEREY PARK, CA 91754-2418	Telephone Number for Information (626) 282-2000
	Date Prepared 06/22/99
	Signature of Preparer (optional)

Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
---	----------	-----------	--------------------------	--------------

THIS PRODUCT CONSISTS OF POLYTETRAFLUOROETHYLENE (PTFE) CAS#9002-84-0, 100%

IF HEATED ABOVE 750°F, THE PRODUCT CAN EVOLVE DEGRADATION MATERIAL AS FOLLOWS:
 HYDROGEN FLUORIDE, CARBONYL FLUORIDE.

MATERIAL IS NOT KNOWN TO CONTAIN TOXIC CHEMICALS UNDER SECTION 313 OF TITLE III OF THE
 SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

WE DO NOT CONSIDER THIS PRODUCT TO BE HAZARDOUS UNDER NORMAL USE.

Section III – Physical/Chemical Characteristics

Boiling Point NOT APPLICABLE	Specific Gravity (H2O = 1)	0.4 - 1.3
Vapor Pressure (mm Hg.) NOT APPLICABLE	Melting Point	621 - 648°F
Vapor Density (AIR = 1) NOT APPLICABLE	Evaporation Rate (Butyl Acetate = 1)	NOT APPLICABLE

Solubility in Water
INSOLUBLE

Appearance And Odor
WHITE, MARSHMALLOW LIKE, ODORLESS

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) 986 - 1022°F (ASTM D1929)	Flammable Limits NOT APPLICABLE	LEL	UEL
--	------------------------------------	-----	-----

Extinguishing Media
WATER, FOAM, DRY CHEMICAL, CO2

Special Fire Fighting Procedures
PTFE DOES NOT BURN WITHOUT EXTERNAL SOURCE OF FUEL. IN EXTREME FIRE SITUATION,
 PROTECTION FROM IGNITION PRODUCTS SHOULD BE EMPLOYED.

Unusual Fire and Explosion Hazards
PTFE WILL BURN IN 100% OXYGEN ATMOSPHERE WHEN IGNITION SOURCE IS PRESENT.

Section V – Reactivity Data

Stability	Unstable	Conditions to avoid
	N/A	
	Stable	Conditions to avoid
	N/A	

Incompatibility (Materials to Avoid)

MOLTEN ALKALI METALS, ELEMENTAL FLUORINE, AND INTERHALOGEN COMPOUNDS

Hazardous Decomposition or Byproducts

HYDROGEN FLUORIDE AND CARBONYL FLUORIDE > 750°F

Hazardous polymerization	May Occur	Conditions to avoid
	Will Not Occur XXX	

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
--------------------	-------------	-------	------------

Health Hazards (Acute and Chronic)

NONE UNDER NORMAL USE & CONDITIONS

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	NO	NO	NO

Signs and Symptoms of Exposure

PTFE, WHEN THERMALLY DECOMPOSED, MAY CAUSE POLYMER FUME FEVER WITH FLU-LIKE SYMPTOMS, OR EYE, NOSE, AND THROAT IRRITATION.

Medical Conditions

Generally Aggravated by Exposure

NONE UNDER NORMAL USE

Emergency and First Aid Procedures

IF OVEREXPOSED TO THERMAL DECOMPOSITION MOVE TO FRESH AIR. EYE CONTACT - FLUSH WITH WATER FOR 15 MINUTES AND CALL PHYSICIAN.

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or spilled

NO SPECIAL ACTION

Waste Disposal Method

NORMAL LANDFILL - COMPLIES WITH ALL LOCAL DISPOSAL REGULATIONS

Precautions to Be Taken in Handling and Storing

**STORE IN CLEAN DRY AREA AWAY FROM HIGHLY FLAMMABLE MATERIAL.
NORMAL WASH UP AFTER HANDLING IS RECOMMENDED.**

Other Precautions

Section VIII – Control Measures

Respiratory Protection (Specify Type)

NONE UNDER NORMAL USE

Ventilation	Local Exhaust	Special
	NONE UNDER NORMAL USE	NONE
	Mechanical (General)	Other
	NONE UNDER NORMAL USE	NONE

Protective Gloves

NONE REQUIRED

Eye Protection

AS GENERAL GOOD PRACTICE, SAFETY

Other Protective Clothing or Equipment

NONE

GLASSES SHOULD BE WORN.

Work/Hygienic Practices