

U.S. DEPARTMENT OF LABOR
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
MATERIAL SAFETY DATA SHEET
REQUIRED UNDER USDL SAFETY AND HEALTH REGULATION FOR SHIP REPAIRING, SHIPBUILDING, AND SHIPBREAKING (29 CFR 1915, 1916, 1917)

Identity (As used on label and list): **PTFE Thread Seal Tape**

Section I

Manufacturer's Name: AA Thread Seal Tape, Inc.	Emergency Telephone Number 800-537-7139
Address : 1275 Kyle Court Wauconda, IL 60084	Telephone Number for Information 847-526-2120
	Date Prepared: 05/10/2007
	Signature of Preparer (Optional)

Section II- Hazardous Ingredients/ Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s)) OSHA PEL ACGIH TLV Other Limits		
Chemical Name	%	CAS No.
Polytetrafluoroethylene	100	9002-84-0
PTFE Tape, as such is not a hazardous material. It is processed solid polymer, temperature range -450F to +500F		

Section III- Physical / Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H₂O=1)	2.1 to 2.2
Vapor Pressure (mm Hg)	N/A	Melting Point	341C (642F)
Vapor Density (Air=1)	N/A	Reactivity in Water	None
Solubility in Water	Insoluble	Appearance and Odor	White, Odorless

Section IV- Fire and Explosion Hazard Data

Flash Point (Method Used): N/A	Flammable Limits: N/A	LEL	UEL
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Extinguishing Media: N/A Use media suitability for surrounding fire

Special Fire Fighting Procedures:

Self contained breathing apparatus with full facepiece & protective clothing if involved with other materials

Unusual Fire and Explosion Hazards: Product will emit toxic fumes at high temperatures

Above 800F: Tetrafluoroethylene; Above 825F: Hexafluoroethylene; Above 885F: Perfluoroisbutylene; Above 930F: Carbonyl Fluoride

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid: Heating above 750F for prolonged periods of time
	Stable X	

Incompatibility (Materials to Avoid): Molten Alkali Metals: Interhalogen Compounds

Hazardous Decomposition of By-Products :See section 4

Hazardous	May Occur	Conditions to Avoid: N/A
Polymerization	Will Not Occur X	

Section VI - Health Hazard Data

Route(s) of Entry:

Inhalation: No toxic effect from dust

Eyes: Mechanical irritation

Skin: Non-irritating and Non-absorbing

Ingestion: PTFE has shown to be inert when ingested by rats

Acute: Flu like transient sickness

Chronic: Could be fatal

Signs and symptoms of Exposure: Flu like fever

Medical conditions generally aggravated by exposure: Respiratory inflammation

Emergency and first aid procedures: Move to fresh air, refer to physician

Section VII- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Sweep up to prevent slippage on tape

Waste Disposal Method

Confirming to all application regulations

Precautions to Be Taken in Handling and Storing

No unusual precautions

Other Precautions

None

Section VIII- Control Measures

Respiratory Protection (Specify Type): Not Needed

Ventilation	Local Exhaust: not needed	Special: N/A
	Mechanical (General): not needed	Other: not needed

Protective Gloves: Not needed **Eye Protection:** not needed

Other Protective Clothing or Equipment:Not needed

Work/Hygenic Practices:No smoking while handling material
