

U.S. DEPARTMENT OF LABOR
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
<b>MATERIAL SAFETY DATA SHEET</b>
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 Universal Joint Sealant**

**Section I**

<b>Manufacturer's Name:</b> AA Thread Seal Tape, Inc.	<b>Emergency Telephone Number</b> 800-537-7139
<b>Address :</b> 1275 Kyle Court Wauconda, IL 60084	<b>Telephone Number for Information</b> 847-526-2120
	<b>Date Prepared:</b> 8/5/02
	<b>Signature of Preparer</b> (Optional)

**Section II- Hazardous Ingredients/ Identity Information**

<b>Hazardous Components</b> (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**

<b>Boiling Point</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O=1)</b>	2.1 to 2.2
<b>Vapor Pressure (mm Hg)</b>	N/A	<b>Melting Point</b>	341C (642F)
<b>Vapor Density (Air=1)</b>	N/A	<b>Reactivity in Water</b>	None
<b>Solubility in Water</b>	Insoluble	<b>Appearance and Odor</b>	White

**Section IV- Fire and Explosion Hazard Data**

<b>Flash Point</b> (Method Used): N/A	<b>Flammable Limits:</b> 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

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**Section V - Reactivity Data**

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<b>Stability</b>	Unstable	<b>Conditions to Avoid</b>
	Stable      X	

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

**Hazardous Decomposition of By-Products** :See section 4

<b>Hazardous</b>	May Occur	<b>Conditions to Avoid</b>
<b>Polymerization</b>	Will Not Occur    X	

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**Section VI - Health Hazard Data**

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**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

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**Section VII- Precautions for Safe Handling and Use**

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**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

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**Section VIII- Control Measures**

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**Respiratory Protection** (Specify Type): Not Needed except as in section 4

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

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