

MATERIAL SAFETY DATA SHEET

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MATERIAL DESCRIPTION: PTFE Thread seal Tape

SECTION I -HAZARDOUS INCREDIENTS/Identlty Information

Hazardous Components(Specifio 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 solidpolymer,temperature -450F to +500F

SECTION II -Physical/Chemical Characterlstics

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

SECTION III-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 Firefighting Procedures:

self contained breathing apparatus with full facepiece & protective clothing with other materials

Unusual Fire and Explosion Hazard: 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 IV - *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 Polymerization	May Occur	Conditions to Avoid:N/A
	Will Not Occur X	

SECTION V -*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

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

SECTION VI-*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

Conforming to all application regulations

Precautions to Be Taken in Handling and Storing

No unusual precautions

Other Precautions

None

SECTION VII-*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 Hygienic Practices:No smoking while handling material

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