

Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Information

Product name: Fluoramics Multi-Purpose PTFE Tape - Green

Alternate names: ---

Product Description: Polytetrafluoroethylene Thread Sealant Tape; Full Density PTFE Tape; ¼", ½" and ¾" width.

Recommended use

Thread Seal Tape as pipe thread sealant. Oxygen approved, chemical applications, portable water, additional fill on large pipe diameters and threads. Mil-T-27730A; A-A-58092; FDA FDR 21CFR177.1550; Density 1.20 to 1.55 g/cm³

Company Identification

Fluoramics, Inc.
902 East 2nd Street, Suite 326
Winona, MN 55987
Emergency Number: 507-205-9216
General Contact Number: 507-205-9216

SECTION 2: HAZARDS IDENTIFICATION

Classification of Substance or Mixture

This product is not considered to be a hazardous substance or mixture when classified in accordance with Regulation 29 CFR 1910.1200 (US GHS)

Label Elements

GHS Pictogram: none

Signal Word: none

Remarks: ---

Other Hazards

Material is nontoxic, insoluble, chemically inert, and non-biodegradable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identification	%	CAS	GHS-US Classification
POLYTETRAFLUORETHYLENE (PTFE)	>99	9002-84-0	Not classified
Pigment	<1	68186-85-6	Not classified

Substances N/A

Mixtures N/A

Description of the mixture: N/A

SECTION 4: FIRST AID MEASURES

Description of first aid measures**General information**

Inhalation N/A for material as supplied and applied as directed.

Skin contact N/A for material as supplied and applied as directed.

Eye contact N/A for material as supplied and applied as directed.

Ingestion Not a likely route of entry.

Safety Data Sheet

Self-Protection of First Aider N/A for material as supplied, at room temperature.
Processing at extremely high temperature 260°C may generate fumes. Move to fresh air, consult physician.

Most important symptoms and effects, acute and delayed. None

Indication of any immediate medical attention and special treatment needed. None

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media

Suitable Extinguishing Media: Use media appropriate to primary source of fire.
Unsuitable Extinguishing Media: N/A

Specific hazards arising from the chemical

Material is incombustible, but if other fuel is present, decomposition products at temperature 260°C releases of toxic gases.

Special protective equipment and precautions for fire-fighters

Use appropriate NIOSH-approved respirator at temperature 260°C in presence of decomposition fumes.

Released gases: above temperature 260°C decomposition may include: acid fluorides, fluorinated compounds, hydrogen fluoride, carbon monoxide, carbon dioxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: None

Environmental precautions: These materials are chemically unreactive, non-toxic, non-water soluble, and non-biodegradable.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling and storage: Store and handle using good warehouse practices. Do not exceed the recommended temperature 260°C to avoid the release of toxic gases.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit Information

Appropriate Engineering Controls

None established.

Individual protection measures.

General information N/A

Eyes/Face none

Skin/Hand none

Respiratory none needed at room temperature.

Exposure Limits at Intended Use None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Safety Data Sheet

Appearance :	Tape
Colour :	Light Green
Smell :	None
Melting point :	327 ± 4°C
Flammability :	UV0
Density :	1.20 to 1.55 g/cm ³ .
Water solubility :	Insoluble.
Standards:	MIL-T-27730A; A-A-58092

SECTION 10: STABILITY AND REACTIVITY

Reactivity :	No decomposition if stored and applied as directed.
Chemical Stability:	Stable under normal conditions.
Conditions to avoid :	Overheating leading to thermal decomposition.
Incompatible Materials :	Potent oxidizers like Fluorine (F2) and related compounds.
Chemical Stability :	Thermal decomposition can take place above 300°C.

SECTION 11: TOXICOLOGICAL INFORMATION

General Information: This material are chemically unreactive, non-toxic, non-water soluble, and non-biodegradable. Is completely recyclable. When handled appropriately, even after long years of experience with this product, no adverse health effects are known

ACUTE TOXICITY

INHALATION	No data available
EYES	No data available
INGESTION	No data available
SKIN	No data available

CHRONIC/OTHER EFFECTS

SENSITIZER	Not classified
CARCINOGENICITY	Not classified
MUTAGENICITY	Not classified
REPRODUCTIVE TOXICITY	Not classified

SECTION 12: ECOLOGICAL INFORMATION

General Information No evidence for hazardous properties. (Analysis of components)

The product is insoluble in water.

At room temperature the material has no harmful effect on the environment.
At temperatures above 260°C the decomposition of the product can release toxic fumes.

SECTION 13: DISPOSAL CONSIDERATION

Safety Data Sheet

Waste treatment methods Recycle or dispose of in an approved landfill or by incineration, in conjunction with federal, state, and local regulations.

SECTION 14: TRANSPORT INFORMATION

US DOT Hazard Classification

Not subject to the regulations of dangerous goods.

Sea IMDG/GGVSee

Not subject to the regulations of dangerous goods

AIR ICAO/IATA

Not dangerous according to transportation regulations

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for this mixture

OSHA HAZARD COMMUNICATION STANDARD

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Inventory Information

REACH (eu)	preregistered, registered or exempted
TSCA (usa)	listed or exempted
DSL (cdn)	listed or exempted
AICA (aus)	listed or exempted
METI (J)	listed or exempted
ECL (kor)	listed or exempted
PICCS (rp)	listed or exempted
IECSC (cn)	listed or exempted
HSMO (nz)	listed or exempted
ECS (Taiwan)	listed or exempted

CERCLA SECTIONS 302, 313, 311, 312: This material does not contain reportable chemicals.

STATE REGULATIONS

Massachusetts RTK Substances: This material does not contain reportable chemicals

New Jersey RTK Hazardous Substances: This material does not contain reportable chemicals

Pennsylvania RTK Hazardous Substances: This material does not contain reportable chemicals

Rhode Island Right to Know (RTK): This material does not contain reportable chemicals

Canada CPR: This product has been classified in accordance with the hazard criteria Controlled Products Regulations (CPR) and the SDS contains all the information required by the Regulations.

California Prop 65: This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

SECTION 16: OTHER INFORMATION

National Fire Protection Association (USA) NFPA	Health	0	Flammability	1	Reactivity	1		
Hazardous Material Identification System (USA) HMIS	Health	0	Flammability	1	Reactivity	1	Special Hazard	0

DISCLAIMER:

Safety Data Sheet

The information and recommendations contained within this document are believed by Fluoramics to be accurate and reliable as of the date prepared. The information and recommendations are offered for the user's consideration and analysis and in no way guarantee the chemical specifications for the specified product. It is solely the responsibility of the user to determine safe conditions for use of this product and to assume liability for any loss, damage or expense arising out of the product's improper use. The user should consider the information in this document in the context of how the selected product will be handled and used in conjunction with other products. It is the user's responsibility to determine that the product is suitable for the intended use.

Appropriate warnings and safe-handling procedures should be provided to all handlers and users. Fluoramics assumes no responsibility for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices within this document.

End of document