



Safety Data Sheet

SDS ID: Stock Code SST

Revision date: February 14, 2023

Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Stainless Steel PTFE Tape
Synonyms: None
Chemical family: N/A
Producer: J.C. Whitlam Manufacturing Company
200 West Walnut Street
P.O. Box 380
Wadsworth, Ohio 44282-0380
www.icwhitlam.com

Telephone: 330-334-2524 Available during normal business hours

Emergency: 330-334-2524 Available during normal business hours

Section 2. HAZARDS IDENTIFICATION

Precautionary Statements: Not classified as Hazardous according to the Globally Harmonized System of Classification and labeling of chemicals (GHS).

Inhalation: Not likely a route of exposure.

Ingestion: Unlikely due to form of product.

Skin Contact: May be irritating to skin. Symptoms may include redness, itching and swelling.

Eye Contact: Eye contact may cause mechanical irritation. May result in mild abrasion.

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

Material information:

This product contains no substances which at their given concentration, are considered to be hazardous to health.

Name	CAS No.	Weight %
Polytetrafluoroethylene	9002-84-0	100

Section 4. FIRST AID MEASURES

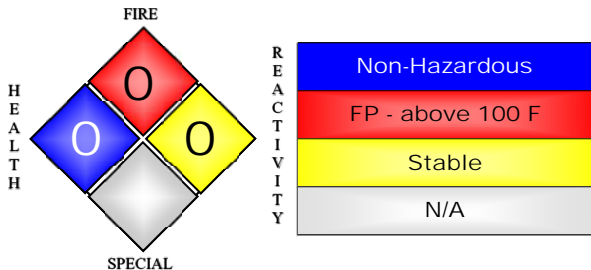
- Inhalation:** Not considered a potential route of exposure. However if inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.
- Skin contact:** Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
- Ingestion:** Unlikely due to the form of the product. However, if ingested, do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.
- Eye contact:** Not considered a potential route of exposure. However, if in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If systems develop or persist seek medical attention.

Section 5. FIREFIGHTING MEASURES

Suitable extinguishing media: Use carbon dioxide, dry chemical or foam.

Specific hazards: Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide, hydrogen fluoride and oxides of nitrogen.

Special protective equipment for firefighters: Firefighters should wear self-contained breathing apparatus (SCBA) operated in positive pressure mode and fully protective clothing to prevent exposure to vapors or fumes. Water spray may be used to cool down heat exposed containers. Fight fire from safe location.

	NFPA rating:	HMIS rating:	
Health:	0	0	
Flammability:	0	0	
Instability/reactivity:	0	0	
Other:	N/A	A (PPE)	

Section 6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Wear appropriate personal protective equipment and clothing to prevent exposure.
- Large Spill:** This product should be prevented from entering drains and watercourses. If contamination of sewers or waterways occurs inform local water and waste management authorities in accordance with local regulations.

Methods for Containment and Clean up

Collect the material and place into a suitable labelled container. Dispose of waste according to the applicable local and state regulations.

Section 7. HANDLING AND STORAGE

Handling:	Avoid exposure. Use only in a well ventilated area. Keep containers tightly closed. Prevent the buildup of dusts, mists or vapors in the work atmosphere.
Storage:	Store in a cool, dry, well-ventilated area, out of direct sunlight.

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

This product contains no substances which at their given concentration, are considered to be hazardous to health.

Engineering Measures: Eyewash and normal washroom facilities.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection: No special protective equipment required.

Skin and body protection: Suitable protective work attire is recommended.

Eye protection: Wear approved safety glasses.

Hygiene measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work area and clothing is recommended.

Other Precautions: N/A

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid polymeric film
Physical state (solid/liquid/gas):	Solid
Substance type (pure/mixture):	Mixture
Color:	Gray
Odor:	No odor
Molecular weight:	Not Available
pH:	Not Applicable
Boiling point/range (5-95%):	Not Available
Melting point/range:	Not Available
Decomposition temperature:	Not Determined
Specific gravity:	2.1
Vapor density:	>1

Vapor pressure:	Not Applicable
Evaporation rate (Butyl acetate= 1):	<1
Flash point, method used:	Non-flammable
Water solubility:	Insoluble
VOC Content:	0%
Auto-ignition temperature:	Not self-igniting
Flammable limits in air — lower (%):	Not Applicable
Flammable limits in air — upper (%):	Not Applicable

Section 10. STABILITY AND REACTIVITY

Reactivity:	Reacts with incompatible materials
Stability:	Stable under recommended storage conditions
Possibly hazardous reactions:	None under normal processing
Conditions to avoid:	Heat and sources of ignition. Temperatures >500°F (260°C) without adequate ventilation.
Incompatible Materials:	Strong oxidizing agents. Alkali metals, extremely potent oxidizers such as fluorine, chlorine tri-fluoride, 80% NaOH or KOH, metal hydrides such as boranes (ex: B ₂ H ₆), aluminum chloride, ammonia, certain amines (R-NH ₂), imines (RN-NH) and 70% nitric acid at temperatures near 500°F (260°C). Do not use on oxygen lines.
Hazardous decomposition products:	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide, hydrogen fluoride and carbon dioxide. Carbonyl fluoride is the main decomposition product formed when PTFE is subjected to extended exposure at normal sintering temperatures 752°F (400°C). Carbonyl fluoride is immediately converted to highly corrosive hydrogen fluoride in the presence of moist air
Polymerization:	Not available

Section 11. TOXICOLOGICAL INFORMATION

Acute Toxicity: No toxicology data available for this product.

Product Information: This product is not classified as hazardous.

Chronic Toxicity: No data available.

Sensitization: No data available.

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity effects: No ecological data is available for this product.
Persistence: No information available
Degradability: No information available

Section 13. DISPOSAL CONSIDERATIONS

Cleanup considerations: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14. TRANSPORT INFORMATION

D.O.T. (U.S.): Not Regulated

Section 15. REGULATORY INFORMATION

Not classified as Hazardous according to the Globally Harmonized System of Classification and labeling of Chemicals (GHS)

Section 16. OTHER INFORMATION

The information and recommendations contained herein are based upon tests, data, and information resources believed to be reliable. However, the J.C. Whitlam Manufacturing Company, Inc., and its related operations or divisions (Whitlam) do not guarantee the accuracy or completeness, nor shall any of this information constitute a warranty, whether expressed or implied, as to the safety of goods, the merchantability of the goods or the fitness of the goods for a particular purpose. Adjustment to conform to actual conditions of usage may be required. Whitlam assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of this data. No warranty against infringement of any patent, copyright or trademark is made or implied.