

Section 1. Identification of the material and the supplier

Product: **PTFE Thread sealing Tape and String**
Product Code: 7170381, 7170382
Product Use: Adhesive, Sealant
Restriction of Use: Refer to Section 15

Australian Supplier: **Bromic Pty Ltd (ABN 88 001 648 979)**
10 Phiney Place
Ingleburn, NSW, 2565, Australia

Telephone: 1300 276 642

Emergency Telephone: 13 11 26 (National Poison Centre)

New Zealand Supplier: **Bromic Group**
Address: PO Box 58931
Botany, Auckland, 2163
Telephone: 0508 276 642

Emergency Telephone: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 23 January 2024

Section 2. Hazards Identification**Australia:**

Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

New Zealand:

Not classified as hazardous according to Regulation (EC) No. 1272/2008 [CLP] which meets New Zealand jurisdiction criteria as per EPA Hazardous Substances (Safety Data Sheets) Notice 2017 Part B Clause 9.

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Polytetrafluoroethylene	100	9002-84-0

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes Not expected to come in contact with eyes. In the unlikely event of eye exposure, no effects are expected other than the normal irritation produced by a foreign body in the eye. Flush with water to remove. Seek medical attention for lasting irritation.

If on Skin Wash affected areas with water and soap. If skin irritation occurs: Get medical advice/attention.

If Swallowed Rinse mouth. Never give anything to the mouth of an unconscious person. Seek medical attention if needed.

If Inhaled Not expected to become a significant inhalation hazard under normal conditions of use.

Most important symptoms and effects, both acute and delayed

Symptoms: None known.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from combustion products	At temperatures above 260°C, may produce decomposition products containing carbon monoxide, carbon dioxide, hydrogen fluoride, and toxic organo-fluorine compounds.
Suitable Extinguishing media	Carbon dioxide, foam, water, agent suitable for environment.
Precautions for firefighters and special protective clothing	Fire fighters should wear self-contained breathing apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours and fumes.
HAZCHEM CODE	None allocated

Section 6. Accidental Release Measures

Wear protective equipment as detailed in Section 8. Evacuate all non-essential personnel from affected area. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation.

If possible, contain the spill. Place inert absorbent, non-combustible material onto the spillage. Use clean non sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of according to Local Regulations as detailed in Section 13.

Section 7. Handling and Storage

Precautions for Handling:

- Read carefully and follow all instructions.
- Wear protective clothing [as detailed in SDS Section 8].

Precautions for Storage:

- Store in a cool, dry place for optimal product performance.
- May decompose when heated above 260°C.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³

No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

New Zealand: Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 13TH EDITION.

AUST: Workplace Exposure Standards for Airborne Contaminants Oct 2022.

Engineering Controls

Product Name: PTFE Thread sealing Tape and String
Date of SDS: 23 January 2024

SDS Prepared by: Technical Compliance Consultants (NZ) Ltd
Tel: 64 9 475 5240 www.techcomp.co.nz

This substance is hazardous and should be used with a local exhaust ventilation system drawing vapours away from worker breathing zone. A flame-proof exhaust ventilation system is required.

Personal Protection Equipment:

Eyes	Safety glasses are recommended to minimize exposure.
Hands and Skin	Rubber gloves are recommended to minimize exposure.
Respiratory	Not required.

Section 9 Physical and Chemical Properties

Appearance	Yellow or Pink tape
Odour	Not available
Odour Threshold	Not available
pH	Not available
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Relative Density	Not available
Solubility in water	Not available
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available
Particle Characteristics	Not available
% Volatile by weight	Not available

Section 10. Stability and Reactivity

Stability of Substance	Stable at ambient temperature and under normal conditions of use.
Conditions to Avoid	At temperatures above 260°C, hazardous fumes may be generated.
Incompatible Materials	Powdered aluminum or magnesium above 260°C.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, hydrogen fluoride, and toxic organo-fluorine compounds.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable
Dermal	Not applicable
Inhalation	Not applicable
Eye	Not applicable
Skin	Not applicable

Chronic Effects:

Carcinogenicity	Not applicable
Reproductive Toxicity	Not applicable
Germ Cell Mutagenicity	Not applicable
Aspiration	Not applicable
STOT/SE	Not applicable
STOT/RE	Not applicable

Section 12. Ecotoxicological Information

No ecological data available for this materials.

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Section 13. Disposal Considerations

Disposal Method: Unused product not considered a hazardous waste. Avoid incineration. Dispose of in a responsible manner. Use appropriate waste codes based on ingredients.

Precautions and methods to avoid: None known.

Section 14 Transport Information

This product is NOT classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).

This product is NOT classified as a Dangerous Good for transport in NZ; NZS 5433:2020

Section 15 Regulatory Information

Australia:

Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

New Zealand:

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Section 16 Other Information

Glossary

EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.

References:

Australia:

1. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
2. Standard for the Uniform Scheduling of Medicines and Poisons.
3. Australian Code for the Transport of Dangerous Goods by Road & Rail.
4. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
5. Workplace exposure standards for airborne contaminants, Safe work Australia.
6. American Conference of Industrial Hygienists (ACGIH).
7. Globally Harmonised System of classification and labelling of chemicals.

New Zealand:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

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Please contact the Australian Manufacturer or New Zealand distributor, if further information is required.

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