SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product:	**LA-CO-T-O-T Pipe Thread Sealant Compound**
Product Code:	1711890
Product Use:	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
Tel:	1300 276 642
Australian Emergency No	**13 11 26 (National Poison Centre)**
Date of SDS Preparation:	3 April 2025

Section 2. Hazards Identification

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

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Titanium Oxide	0 - 1	13463-67-7
Ingredients determined not to be hazardous	To balance	

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for 15 minutes. Seek immediate medical attention.
If on Skin	Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
If Swallowed	Do not induce vomiting. Rinse mouth. Never give anything to the mouth of an unconscious person. Seek medical attention if needed.
If Inhaled	Remove person to fresh air. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

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	Under fire conditions this product may emit toxic and/or irritating fumes and gases.

Suitable Extinguishing media	Use extinguishing medial appropriate for surrounding fire.
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 or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from a safe location. This product should be prevented from entering drains and watercourses.
HAZCHEM CODE	**None allocated**

Section 6. Accidental Release Measures

Wear protective equipment as detailed in Section 8. Evacuate all unprotected personnel. Stop leak if safe to do so. Increase ventilation. Spillage can be slippery.

Do not allow to enter waterways.

Place inert absorbent, non-combustible material onto the spillage. Use clean non-sparking tools to collect the material and place into suitable containers for disposal. Dispose as per Section 13.

Section 7. Handling and Storage

Precautions for Handling:

- Avoid inhalation of vapours and mist.
- Avoid contact with skin and eyes.
- Use in a well-ventilated area.
- Do not use near ignition sources and prevent build up of mist or vapours in the work atmosphere.
- Do not pressurise, cut, heat or weld containers as they may contain hazardous residues.
- Wash hands after use prior to eating, drinking or smoking.

Precautions for Storage:

- Store in a cool, dry, well-ventilated area, out of direct sunlight and away from heat and ignition sources.
- Keep containers closed when not in use, securely sealed and protected against physical damage.
- Inspect regularly for damages or leaks.
- Take precautions against static discharge and use proper grounding procedures.
- Store away from incompatible materials listed in Section 10.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

	TWA		STEL	
Substance	**ppm**	**mg/m³**	**ppm**	**mg/m³**
Titanium dioxide [13463-67-7]	-	2.5(r)	-	-
	-	0.2(uf)	-	-

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.
AUST: Workplace Exposure Standards for Airborne Contaminants Oct 2022.

Engineering Controls
Provide sufficient ventilation to keep airborne levels below exposure limits. Where vapours or

mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, flameproof exhaust ventilation system is required.

Personal Protection Equipment

Eyes	Safety glasses with side shields, chemical goggles or full-face shield should be worn.
Hands and Skin	Wear gloves of impervious material. Weasr suitable protective work gear, e.g. cotton overalls. Chemical resistant apron in recommended where large quantities are handled.
Respiratory	If engineering controls are not effective then an approved respirator with a replaceable mist/vapour filter should be used.

Section 9 Physical and Chemical Properties

Appearance	Gray Paste, Viscous Liquid
Odour	Mild
Odour Threshold	Not available
pH	Not available
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	$>204^0$C
Flammability	Not flammable
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Relative Density	Not available
Solubility in water	Insoluble
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not available
Volatile component	VOC content: 0%

Section 10. Stability and Reactivity

Stability of Substance	Stable under normal conditions of storage and handling.
Conditions to Avoid	Extremes of temperature. Heat, open flames and other sources of ignition.
Incompatible Materials	Strong oxidising agents. Strong acids. Strong bases. Organic solvents.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide or carbon dioxide.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not classified however ingestion may irritate the gastric tract causing nausea and vomiting.
Dermal	Not applicable.
Inhalation	Not classified however inhalation of the product vapours may cause irritation of the nose, throat and respiratory system.

Eye	Not classified but may be irritating to eyes. Symptoms include redness, itching and tearing.
Skin	Not classified but may be irritation to the skin. Symptoms include redness, itching and swelling.

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.

Individual component information:

Acute Toxicity:

Chemical Name	Oral – LD50	Dermal – LD50	Inhalation – LC50
Titanium Dioxide	>5000 mg/kg (rat)	-	>6.82 mg/L/4h (Rat)

Section 12. Ecotoxicological Information

No ecological data available for this material.

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility	Insoluble in water.
Other adverse effects	No data available

Section 13. Disposal Considerations

Disposal Method: Dispose as per Local Regulations.

Precautions: 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).

Section 15 Regulatory Information

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

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Section 16 Other Information

Glossary

Cat	Category
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.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

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.

Disclaimer

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

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