

1 . IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: SLIC-TITE® PASTE WITH PTFE **Product:** 1711895, 1711896, 1711897

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use:

Specially formulated with PTFE for added sealing power, Slic-Tite® Paste is the premium thread sealant paste, used to seal water, air, steam, natural gas, and more.

Details of Manufacturer or Importer:

Bromic Group
10 Phiney Place
Ingleburn NSW 2565

Phone Number: 02 9426 5222

Emergency telephone number: 1300 276 642

2 . HAZARDS IDENTIFICATION

Hazardous Nature:

Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The product is not classified as hazardous according to the Globally Harmonized System (GHS).

Signal Word Void

Hazard Statements Void

3 . COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description: No reportable hazardous substances or complex substances.

Hazardous Components:

64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic	10-30%
64742-53-6	Distillates (petroleum), hydrotreated light naphthenic	10-30%
64-17-5	Ethanol	0.1-0.5%
	 Flam. Liq. 2, H225	

Additional information:

Note L: The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3% DMSO extract as measured by IP 346. This note only applies to certain complex oil-derived substances in Annex I. (CAS No. 64742-53-6 and 64742-52-5).

4 . FIRST AID MEASURES

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

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Eye Contact:

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if symptoms occur.

Ingestion: If swallowed, seek medical attention. Never give anything by mouth to an unconscious person.

Symptoms Caused by Exposure:

Inhalation: Extreme heating (>300 °C) of the product can release irritating vapours. Symptoms of irritation include coughing, sneezing, nasal discharge, headache, hoarseness and pain in the upper respiratory tract.

Eye Contact: Direct eye contact may cause temporary irritation as a foreign object in the eye. Symptoms include redness, swelling, pain and blurred or hazy vision.

5 . FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use fire extinguishing methods suitable to surrounding conditions.

Specific Hazards Arising from the Chemical:

During a fire, products of combustion may include hydrogen fluoride, perfluorocarbon olefins and oxides of carbon.

Products of thermal decomposition of fluorocarbon monomers and polymers can produce a condition known as "polymer-fume fever". The symptoms are flu-like, chills, headache and fever with chest tightness and mild cough. Onset of symptoms may be delayed.

The paste can burn if involved in a fire but does not ignite readily.

Special Protective Equipment and Precautions for Fire Fighters:

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.

6 . ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear Safe Work Australia approved full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Sweep or scrape up. Collect and place into a suitable container for disposal.

7 . HANDLING AND STORAGE**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from extreme heat and open flames. Keep away from strong oxidizers, strong acids, strong bases and chlorinated solvents.

8 . EXPOSURE CONTROLS AND PERSONAL PROTECTION**Exposure Standards:****64-17-5 Ethanol**

NES | TWA: 1880 mg/m³, 1000 ppm

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Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

Personal Protective Equipment (PPE):

Respiratory Protection: Respiratory protection is not required under normal use conditions.

Skin Protection:

PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337.

9 . PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form:	Viscous paste
Colour:	White
Odour:	Grease-like odour
Odour Threshold:	No information available
pH-Value:	Not applicable
Melting point/Melting range:	No information available
Initial Boiling Point/Boiling Range:	177 °C
Flash Point:	150 °C (TOC)
Flammability:	The paste can burn if involved in a fire but does not ignite readily.
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	Not applicable
Relative Density at 20 °C:	1.48 g/cm ³
Vapour Density:	Not applicable
Evaporation Rate:	Not applicable
Solubility in Water:	Insoluble
Partition Coefficient (n-octanol/water):	<1 log POW
VOC:	0 %

10 . STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: Extreme heat and open flames.

Incompatible Materials: Strong oxidizers, strong acids, strong bases and chlorinated solvents.

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Hazardous Decomposition Products:

When heated to decomposition (>300 °C) this material may release carbonyl fluoride, hydrogen fluoride, perfluoroisobutylene (PFIB) and other irritating and toxic vapours or particulates.

11 . TOXICOLOGICAL INFORMATION

Toxicity:

LD₅₀/LC₅₀ Values Relevant for Classification:

64-17-5 Ethanol

Oral	LD ₅₀	7060 mg/kg (rat)
Inhalation	LC ₅₀ /4 h	20000 mg/l (rat)

Acute Health Effects

Inhalation:

Extreme heating (>300 °C) of the product can release irritating vapours. Symptoms of irritation include coughing, sneezing, nasal discharge, headache, hoarseness and pain in the upper respiratory tract.

Skin: No adverse health effects expected.

Eye:

Direct eye contact may cause temporary irritation as a foreign object in the eye. Symptoms include redness, swelling, pain and blurred or hazy vision.

Ingestion: Ingestion is not considered a potential route of exposure.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity:

Titanium dioxide is classified by IARC as Group 2B - Possibly carcinogenic to humans.

Titanium dioxide is inextricably bound and, under normal conditions of use or during foreseeable emergencies, cannot become airborne and result in worker exposure.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects: Prolonged or repeated skin contact may cause dermatitis.

Existing Conditions Aggravated by Exposure: Skin contact may aggravate an existing dermatitis.

12 . ECOLOGICAL INFORMATION

Ecotoxicity: Ecotoxicity is expected to be low due to the product's insolubility in water.

Aquatic toxicity: No information available

Persistence and Degradability: Product is not readily biodegradable.

Bioaccumulative Potential: No information available

Mobility in Soil: No information available

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Other adverse effects: No information available**13 . DISPOSAL CONSIDERATIONS****Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 . TRANSPORT INFORMATION**UN Number** Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated**Marine pollutant:** No**15 . REGULATORY INFORMATION****Australian Inventory of Chemical Substances:** This product contains no hazardous ingredients.**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**

Not a scheduled poison.

16 . OTHER INFORMATION**Creation Date:** 20.01.2015**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Disclaimer

This MSDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

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