

SAFETY DATA SHEET



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Date of Issue: Feb 2024
SDS No. TS007

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: TERM-seal Ura-Fen Termite Resistant Adhesive

Other Names:

Use: Adhesive for use as an aid in the installation of plastic sheet barriers.

Company: TERMSEAL AUSTRALIA PTY LTD.

Address: 8 Trade Cct, Wauchope, NSW, 2446

Telephone Number: 1300 657 822

Fax Number:

Emergency Telephone Number: 13 11 26 (All hours - Australia wide).

SECTION 2 HAZARDS IDENTIFICATION

Classified as hazardous according to criteria of Safe Work Australia

Globally Harmonised System (GHS) Classification:

Flammable Liquids – Hazard Category 2.

Specific Target Organ Toxicity (Single Exposure): Hazard Category 3.

Toxic to Reproduction: Hazard Category 2.

Specific Target Organ Toxicity (Repeated Exposure): Hazard Category 2.

Aspiration Hazard – Hazard Category 1.

Skin Corrosion/Irritation – Hazard Category 2.

Signal Word: DANGER.

Hazard Statements:

H225 Highly flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H361 Suspected of damaging fertility or the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat/sparks/open flames/hot surfaces: — No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P260 Do not breathe vapours.

P264 Wash hands, arms and face thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P281 Use personal protective equipment as required.

Response:

P301 + P 310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308 + P313 IF exposed or concerned: Get medical advice/ attention:
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P321 Specific treatment see Safety Directions on product label.
P331 Do NOT induce vomiting.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P362 Take off contaminated clothing and Wash before reuse.
P370 + P378 In case of fire: Use water fog, foam, carbon dioxide or dry chemical powder for extinction.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P403 + P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

Disposal:

P501 Dispose of contents/container in accordance with national regulations.

Pictogram:



DANGEROUS GOOD CLASSIFICATION

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

Dangerous Goods Class: 3

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

CHEMICAL	CAS NUMBER	PROPORTION
Bifenthrin	82657-04-3	2g/kg
Toluene	108-88-3	346g/kg
Other ingredients determined not to be hazardous		to 100%

SECTION 4 FIRST AID MEASURES

FIRST AID

Swallowed: If swallowed, rinse mouth thoroughly with water. Do not induce vomiting. Give plenty of water to drink. Seek immediate medical attention. For advice, contact a Poisons Information Centre (Australia 13 11 26) or a doctor at once.

- Eye:** Hold eyes open and flush immediately with large amounts of water for at least 15 minutes. Obtain immediate medical attention.
- Skin:** If product gets on skin remove excess liquid from skin and remove contaminated clothing. Wash skin thoroughly with soap and warm water. If irritation persists seek medical attention.
- Inhaled:** If breathing difficulty is experienced move exposed person to fresh air. If necessary provide oxygen or artificial respiration by trained personnel and seek medical attention.

Advice to Doctors:

Bifenthrin, the active ingredient in this product, is a pyrethroid insecticide. The level of bifenthrin is considered to be so low as to be considered non-toxic (0.065%). Treatment is otherwise symptomatic and supportive.

SECTION 5 FIRE FIGHTING MEASURES

Hazchem Code: •3YE

Suitable extinguishing media: If material is involved in a fire use alcohol resistant foam or dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Highly flammable liquid and vapour. May form flammable vapour mixtures with air. Flameproof equipment necessary in area where this chemical is being used. Nearby equipment must be earthed. Electrical requirements for work area should be assessed according to AS3000. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Do NOT smoke.

Firefighting further advice: Heating can cause expansion or decomposition leading to violent rupture of containers. If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.

SECTION 6 ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

LARGE SPILLS

If safe to do so, shut off all possible sources of ignition. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Use a spark-free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

SECTION 7 HANDLING AND STORAGE

Precautions for Safe Handling: Use only in a well-ventilated area. Avoid skin and eye contact. Read the product label before use. Always wash hands before eating, smoking or using the toilet.

Conditions for Safe Storage: Keep containers closed when not in use. Store in a dry, cool place out of direct sunlight.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards:

No exposure standards have been established for this product; however, the following exposure standards have been assigned by NOHSC to the following components of the product:

Name	STEL	TWA
Toluene	574 mg/m ³ (150ppm)	191mg/m ³ (50ppm)

Exposure standard (TWA) refers to the time weighted average airborne concentration over an eight-hour day, for a five day working week, over an entire working life. According to current knowledge, this concentration level should neither impair the health of, nor cause undue discomfort to, nearly all workers. Short term exposure limit (STEL) refers to the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour day. These exposure standards are guides to be used in the control of occupational health hazards. All atmospheric contaminants should be kept as low as is workable and should not be used as fine dividing line between safe and dangerous concentrations of chemicals.

Biological Limit Values:

No biological limit allocated.

Engineering controls:

Natural ventilation is adequate under normal conditions of use. If the product is used in confined spaces, use exhaust ventilation and ensure the air flow is away from the person handling the product. Keep containers closed when not in use.

Personal Protective Equipment (PPE):

CLOTHING: Wear impervious protective clothing to prevent skin contact. Discard or wash contaminated clothing before re-use.

GLOVES: Wear impervious gloves to prevent skin contact.

EYES: Wear chemical goggles or safety glasses with side shields.

RESPIRATORY PROTECTION: Avoid breathing vapours/gases. Atmospheric levels should be maintained below the exposure standard. When atmospheric levels may exceed the exposure standard, use an approved air-purifying respirator equipped with an organic vapour adsorbent and a particulate filter. Refer to AS/NZS 1715 - Selection, use & maintenance of respiratory protective devices and AS/NZS 1716- Respiratory Protective Devices.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Grey Viscous Liquid	Solubility (water)	Insoluble
Odour	Solvent	% Volatiles	30 -40%
pH (neat)	4 - 6	Flammability	Not combustible
Vapour Pressure	Not determined	Flash Point	<5°C (closed cup)
Vapour Density	Not determined	Upper Explosion Limit	6.7%
Boiling Point	>90°C	Lower Explosion Limit	1.3%
Specific Gravity	Approx. 0.9		

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of use.

Conditions to avoid: Heat and ignition sources.

Incompatible materials: Strong oxidising agents.

Hazardous decomposition products: May give off toxic fumes including carbon monoxide and carbon dioxide when heated to decomposition.

Hazardous reactions: Possible hazardous reaction with strong oxidising agents.

SECTION 11 TOXICOLOGICAL INFORMATION

Potential Health Effects:

No adverse health effects expected if this product is handled in accordance with this Safety Data Sheet and the product label. The following symptoms may occur if the product is misused.

Acute

Swallowed: Ingestion may result in gastrointestinal irritation, in particular nausea, abdominal pain, vomiting and diarrhoea. Ingestion may also lead to aspiration of material into the lungs

and central nervous system (CNS) depression. CNS effects include dizziness, drowsiness, confusion, headache, muscular weakness and loss of consciousness. Prolonged exposure to a large quantity can ultimately lead to coma and possibly death.

Eye: Eye contact with neat product or solvent vapour may cause irritation. Symptoms include redness, pain, stinging, tearing or swelling.

Skin: Skin contact or solvent vapour may cause irritation possibly including itching, redness or rash. Prolonged and repeated exposure may cause skin dryness or cracking and in extreme cases dermatitis

Inhaled: Harmful by inhalation. Product vapour may also cause respiratory irritation. Symptoms of overexposure may include fatigue, headache, dizziness, shortness of breath and possible nausea. Very high concentrations of product vapour may cause central nervous system depression which can lead to loss of coordination, impaired judgement, and if exposure is prolonged, unconsciousness and death.

Chronic: Toluene is a suspected human reproductive toxicant. Pregnant women should not use this product.

SECTION 12 ECOLOGICAL INFORMATION

Environmental Toxicology: Toxic to aquatic organisms.

Environmental Properties: No data available.

SECTION 13 DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

SECTION 14 TRANSPORT INFORMATION

Transport:

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

Shipping Name	Coating solution (contains toluene and ketone)			
UN No.	1139	DG Class	3	Subsidiary Risk(s) None allocated
Packing Group	II	Hazchem Code	3[Y]E	

SECTION 15 REGULATORY INFORMATION

Classified as a hazardous substance according to criteria of Safe Work Australia.

Classified as a dangerous good according to ADG Code.

Classified as dangerous and hazardous under GHS.

This product is registered under the Agricultural and Veterinary Chemicals Code Act 1994. Product Registration No. **70455/63479**.

Product is classified as a Dangerous Good according to the ADG Code (7th Ed), the International Maritime Dangerous Goods (IMDG) Code and the International Air Transport Association (IATA).

Requirements concerning special training:

Check State or Territory regulations that require people who use pesticides in their job or business to have training in the application of the materials.

SECTION 16 OTHER INFORMATION

Issue Date: 7th February 2024. Valid for 5 years till 7th February 2029. (Revised to GHS).

Key to abbreviations and acronyms used in this SDS:

ADG Code: Australian Dangerous Goods Code (for the transport of dangerous goods by Road and Rail).

Carcinogen: An agent which is responsible for the formation of a cancer.

Clonic: Alternate involuntary muscular contraction and relaxation in rapid succession.

Genotoxic: Capable of causing damage to genetic material, such as DNA.

Lavage: The irrigation or washing out of an organ, as of the stomach or bowel.

Mutagen: An agent capable of producing a mutation.

Oedema: Accumulation of fluid in tissues.

Teratogen: An agent capable of causing abnormalities in a developing foetus.

Safe Work Australia: Formally known as Australian Safety & Compensation Council (ASCC) which was formally known as the National Occupational Health & Safety Commission (NOHSC).

References

1. "Search Hazardous Substances". Safe Work Australia website. (2016).
2. "Approved Criteria for Classifying Hazardous Substances" 3rd Ed. NOHSC Australia. [NOHSC:1008 (2004)]. October 2004.
3. Globally Harmonized System of Classification and Labelling of Chemicals (GHS). United Nations, 2009.

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

End SDS