



TERM-seal (AUST) Pty Ltd

SAFETY DATA SHEET

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

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name TERM-seal (AUST) Pty Ltd.
Address Units 4&5, 19 Moonbi Street, Brendale, QLD 4500
Telephone 1300 657 822
Fax (07) 3889 8697
Emergency 0409 874477

Synonym(s) None
Uses Adhesive for use as an aid in the installation of plastic sheet barriers.
SDS Date July 2015

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO ASCC CRITERIA

Hazard Category: Harmful (Xn), Irritant (Xi)

RISK PHRASES:

R11 Highly flammable
R38 Irritating to skin.
R48/20 Danger of serious damage to health by prolonged exposure by inhalation.
R63 Possible risk of harm to the unborn child.
R65 Harmful: May cause lung damage if swallowed.
R67 Vapours may cause drowsiness and dizziness.

SAFETY PHRASES:

S2 Keep out of reach of children.
S16 Keep away from sources of ignition – no smoking.
S23 Do not breathe vapour.
S24/25 Avoid contact with skin and eyes.
S36/37 Wear suitable protective clothing and gloves
S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Content
Bifenthrin	82657-04-3	2g/kg
Toluene	108-88-3	346g/kg
Other ingredients determined not to be hazardous	-	to 100%

4. FIRST AID MEASURES

Eye	Hold eyes open and flush immediately with large amounts of water for at least 15 minutes. Obtain immediate medical attention.
Inhalation	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.
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.
Ingestion	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.
Advice to Doctor	Treat symptomatically. Extreme caution must be taken to prevent aspiration.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use water fog, foam, carbon dioxide or dry chemical powder.
Hazards from combustion products	Decomposes on heating emitting toxic fumes including oxides of carbon.
Precautions for firefighters	Firefighters should wear self-contained breathing apparatus with full face mask and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Spillage	Avoid contact with spilled material. Keep upwind of spill. Ventilate area. Remove all sources of ignition. Use appropriate personal protective equipment (refer to Section 8 - Exposure Controls / Personal Protection). Contain spill to prevent contamination of soil, surface water, ground water, sewers or drains. Absorb the spillage with non-combustible material such as earth or sand. Collect spilled material in suitable and properly labelled containers. Wash contaminated area with detergent solution.
-----------------	---

7. STORAGE AND HANDLING

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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 Limits
Engineering Controls**

None allocated
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.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of use.
Conditions to Avoid	Heat and ignition sources.
Material to Avoid	Strong oxidising agents.
Decomposition	May give off toxic fumes including carbon monoxide and carbon dioxide when heated to decomposition.
Hazardous Reactions	Possible hazardous reaction with strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	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 mis-used.
Eye	Eye contact with neat product or solvent vapour may cause irritation. Symptoms include redness, pain, stinging, tearing or swelling.

Inhalation	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.
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
Ingestion	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.
Toxicity Data	Toluene is a suspected human reproductive toxicant. Pregnant women should not use this product.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Toxic to aquatic organisms.
Mobility	No data available.
Persistence and degradability	No data available.
Bioaccumulation	None of the components of this product are considered to have the potential to bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Waste Disposal	The preferred waste management option for unused material is to send to an approved recycler or incinerator. The same waste management options are recommended for contaminated material.
Legislation	Dispose of in accordance with relevant state, federal and/or local legislation. Clean containers can be sent for recycling.

14. TRANSPORT INFORMATION

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

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

15. REGULATORY INFORMATION

Poison Schedule	S5 Labelling requirements of the SUSDP standard do not apply to a poison that is packed and sold solely for dispensary, industrial, laboratory or manufacturing purposes; and is labelled in accordance with the National Occupational Health and Safety
------------------------	---

AICS

Commission's *National Code of Practice for the Labelling of Workplace Hazardous Substances*.

All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Additional Information**HEALTH EFFECTS FROM EXPOSURE**

It should be noted that the effects from exposure to this product will depend on several factors including frequency and duration of use, quantity used, control measures, protective equipment used and method of application. It is impractical to prepare a Safety Data Sheet that encompasses all possible scenarios, therefore it is anticipated that users will assess the risks and apply appropriate control methods.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES

The recommendations for protective equipment contained within this data sheet are intended as a guide only. Factors such as method of application, working environment, quantity used, and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Status

The information contained in this Safety Data Sheet is based on data that we believe to be reliable and has been prepared in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. Each user should read the product label and this Safety Data Sheet and consider the information in the context of how the product will be handled and used in the workplace including the use of the product in conjunction with other products.

Prepared By

TERM-seal (AUST) Pty Ltd

End of SDS