

# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME:** Termicide Sealant

Not Classified as Hazardous according to criteria of Worksafe Australia

## *COMPANY DETAILS*

**Company Name:** Termicide Pest Control Pty Ltd (ABN 18 003 608 018)  
**Address:** PO Box 949 Paradise Point QLD 4216  
**Telephone:** (07) 5563 3003  
**Fax:** (07) 5563 3004

## *PRODUCT IDENTIFICATION*

**Product Name:** Termicide Sealant  
**Proper Shipping Name:** None Applicable  
**Other Names:** None Listed  
**UN Number:** None Allocated  
**DG Class:** None Allocated  
**Packing Group:** None Allocated  
**Hazchem Code:** None Allocated  
**Poisons Schedule:** Not Scheduled  
**Product Use:** Termicide Sealant is a termite resistant one part silicone sealant especially designed for sealing applications on zincalume, galvanised iron, anodized aluminium coated steel products and rigid PVC. For other substances and more details contact Termicide Pest Control Pty Ltd.

**Appearance:** Non-flowing opaque or clear paste  
**Melting Point:** Not Available  
**Boiling Point:** Not Available  
**Vapour Pressure:** Not Available  
**Specific Gravity:** 1.4 (Water = 1)  
**Flash Point:** Not Available  
**Flammable. Limit LEL:** Non-flammable  
**Flammable. Limit UEL:** Not Available  
**Solubility in Water:** Not Available

**Volatile Component:** Less than 10%  
**Form:** Solid  
**Decomposition Temp:** >200°C  
**Formula:** Compounded Silicone Sealant

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## *INGREDIENTS*

CHEMICAL ENTITY	CAS NO.	PROPORTION % w/w
Ingredients determined to non-hazardous at the formulation concentration		60.00 – 100.00%
Organosilanes		0 – 10.00%
Organotin Compounds	96633-68-0	0 – 1.00%

**Information on Composition:** A proprietary mixture containing polydimethylsiloxanes, plasticisers, amorphous silica, organosilanes, inorganic pigments, and organotin compounds.

**Other Information:** Methylethylketoxime is released during cure.

## *HEALTH HAZARD INFORMATION – HEALTH EFFECTS*

**Acute - Swallowed:** May cause irritation to mouth, throat and stomach.

**Acute – Eye:** A moderate eye irritant.

**Acute – Skin:** Repeated or prolonged skin contact may lead to irritation.

**Acute – Inhaled:** High concentrations of vapours may cause irritation of the respiratory tract.

**Chronic:** Chronic exposure to vapours may cause inflammation of the nose, mouth throat and bronchi. (No vapour is emitted after full cure).

**Swallowed:** Give water or milk to drink. DO NOT induce vomiting. Seek medical assistance.

**Eye:** Irrigate with copious quantity of water for 15 minutes. Seek medical assistance if symptoms persist.

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## *HEALTH HAZARD INFORMATION – HEALTH EFFECTS – Cont'd*

<b>Skin:</b>	Wash with plenty of soap and water.
<b>Inhaled:</b>	Remove to fresh air.
<b>First Aid Facilities:</b>	Not Available.
<b>Advice to Doctor:</b>	All treatments should be based on observed signs and symptoms of distress of the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat systematically. No specific antidote available. Consult Poisons Information Centre.

## *PRECAUTIONS FOR USE*

<b>Exposure Limits:</b>	No exposure limit is assigned to the mixture. Methylethylketoxime is released during cure. Limited animal (rat) data showed that at high vapour concentration of methylethylketoxime narcotic effects are observed.
<b>Ingestion:</b>	LD50 (rat) = 2400-3700 mg/kg.
<b>Eng. Controls:</b>	Avoid breathing in vapours. Use with adequate ventilation.

## *PROTECTIVE EQUIPMENT*

<b>Respirator Type (AS1716)</b>	Not Available
<b>Eye Protection:</b>	Not Available
<b>Glove Type:</b>	Not Available
<b>Protective Equipment:</b>	Avoid skin and eye contact. Wear eye protection to prevent any reasonable probability of eye contact.
<b>Footwear:</b>	Not Available

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## ***WORK/HYGIENE PRACTICES***

- Work/Hygiene Practices:** Personal hygiene is an important work practice exposure control measure and the following general measures should be undertaken when working with or handling this material:
1. Do not store, use and/or consume foods, beverages, tobacco products or cosmetics in areas where this material is stored.
  2. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics or using the toilet.
  3. Wash exposed skin promptly to remove accidental splashes of contact with this material.

## ***SAFE HANDLING INFORMATION***

- Fire Hazards:** Non-flammable. Combustible. Will burn if involved in a fire but not considered to be significant fire risk. The main combustion products are silica, carbon dioxide and carbon monoxide.
- Other Precautions:** Safe working practice and good hygiene should be observed.
- Storage Precautions:** Keep product dry to prevent lumping or possible deterioration.
- Other Storage Information:** The foregoing data applies to the uncured sealant. The hazards associated with this product are due mainly to the reactive silane cross linkers and the vapours given off when the sealant reacts with moisture in the air. When curing is complete, the resulting product is an inert, non-toxic silicon elastomer.

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## *SAFE HANDLING INFORMATION – Cont'd*

<b>Proper Shipping Name:</b>	Not Applicable
<b>EPG Number:</b>	Not Applicable
<b>IERG Number:</b>	Not Applicable
<b>Spills and Disposal:</b>	Normally suitable for local incineration. Consult local regulations. Not –biodegradable.
<b>Fire/Explosives Hazard:</b>	Low Hazard. Non-flammable paste. Forms essentially amorphous silica, carbon dioxide and carbon monoxide on combustion. Fire can be extinguished by carbon dioxide, powder or water type extinguisher.
<b>Hazardous:</b>	Not Available.
<b>Decomposition or By-products</b>	
<b>Fire Fighting Procedures:</b>	Not Available.
<b>Extinguishing Media:</b>	Not Available.
<b>Hazardous Reaction:</b>	The product is considered stable under normal handling conditions.
<b>Hazchem Code:</b>	None Allocated.
<b>Toxicology:</b>	Methylethylketoxime set free upon curing presents a notable risk of toxicity, when large amounts of the product is used in an enclosed area, e.g. a small unventilated bathroom. Amorphous silica and other fine powder ingredients are bound in the paste mixture and do not present any risk of toxicity under normal conditions or use and handling.
<b>Environmental Protection:</b>	Non-biodegradable. No negative ecological effects are known.
<b>Packaging &amp; Labelling</b>	Keep in original airtight container to prevent degradation.
<b>Regulatory Information:</b>	All ingredients are listed in the Australian Inventory of Chemical Substances.
<b>Technical Data:</b>	A Technical Data Sheet for this product is available upon request.

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Infosafe No: 2RH2Z Issue Date: August 2007 Issued by Termicide Pty Ltd

## ***REFERENCES***

**References:**

1. Australian Health Minister's advisory council, 'Standard for the uniform scheduling of drugs and poisons', NO 11, AGPS, Canberra, 1996.
2. National Occupational Health and Safety Commission, 'National Code of Practice for the Preparation of Material Safety data Sheets' {NOHSC: 2011 (1994)}, AGPS, Canberra, 1994.
3. National Occupational Health and Safety Commission, 'List of Designated Hazardous Substances' {NOHSC: 10005 (1994)}, AGPS, Canberra, 1994.
4. National Occupational Health and Safety Commission, 'Exposure Standards for Atmospheric Contaminants in the Occupation Environment' {NOHSC: 1003 (1995)}, AGPS, Canberra, 1995.
5. National Occupational Health and Safety Commission, 'Approved Criteria for Classifying Hazardous Substances' {NOHSC: 1008 (1994)}, AGPS, Canberra, 1994.
6. Commonwealth of Australia, 'Australian Code of the Transport of Dangerous Goods by Road and Rail', 6<sup>th</sup> Ed., AGPS, Canberra, 1998.

**Contact:**

The Director  
Termicide Pest Control Pty Ltd (07) 5563 3003

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<b><i>ADVICE TO THE USER</i></b>
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**Advice To The User:**

This Material Safety Data Sheet should be used in conjunction with the Technical Data sheets. It does not replace them. The information given is based on our knowledge of the health and safety data of this product at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any purpose other than that for which it was intended. If clarification or further information is needed to enable appropriate risk assessment, the user should contact Termicide Pest Control Pty Ltd. Our responsibility for products sold is subject to our standard terms and conditions sent to customers. No liability whatsoever can be accepted with regard to the handling, processing or use of the product concerned which, in all cases, shall be in accordance with the appropriate regulations and/or legislation.