

Compilation date: 01/06/2015

Revision date: 28/10/2016

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product Identifier**

<b>Product Name</b>	Trademans Choice Roof & Gutter
<b>Other means of identification</b>	53TRGA (Aluminium); 53TRGB (Black); 53TRGCC (Cream); 53TRGG (Grey); 53TRGT (Translucent) 53TRGW (White)

**1.2 Relevant identified uses of the substance or mixture**

<b>Relevant identified uses</b>	Silicone Sealant
---------------------------------	------------------

**1.3 Details of manufacturer/ Importer**

<b>Company name</b>	Macsim Fastenings Pty Ltd
<b>Address</b>	10 Wonderland Drive Eastern Creek NSW 2766 Australia
<b>Telephone</b>	+61 2 9881 2400
<b>Fax</b>	+61 2 9881 2444
<b>Website</b>	www.macsim.com.au
<b>Email</b>	info@macsim.com.au

**1.4 Emergency telephone number**

<b>Association/ Organisation</b>	Poisons Information Centre (Australia)
<b>Emergency telephone</b>	13 11 26 (Australia) 0800 764 766 (New Zealand)

**2. HAZARDS IDENTIFICATION****2.1 GHS Classification**

Skin irritation (category 1A); Eye irritation (category 2A); Carcinogenicity (category 2)

**2.2 Label elements**

<b>Label elements</b>	
<b>Hazard pictograms</b>	GHS07: Exclamation Mark GHS08: Health Hazard
<b>Signal word</b>	Warning
<b>Hazard statement(s)</b>	H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H351: Suspected of causing cancer.
<b>Precautionary statement(s) prevention</b>	P102: Keep out of reach of children. P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P264: Wash contaminated skin thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection.

Compilation date: 01/06/2015

Revision date: 28/10/2016

<b>Precautionary statement(s) response</b>	P321: Specific treatment (see medical advice on this label).
	P363: Wash contaminated clothing before reuse.
	P302+P352: IF ON SKIN: Wash with plenty of soap and water.
	P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
	P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P337+P313: If eye irritation persists: Get medical advice/attention.
	P308+P313: IF exposed or concerned: Get medical advice/attention.
<b>Precautionary statement(s) storage</b>	P405: Store locked up.
<b>Precautionary statement(s) disposal</b>	P501: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

**2.3 Other hazards**

<b>Other hazards</b>	No information available.
----------------------	---------------------------

**3. COMPOSITION/INFORMATION ON INGREDIENTS****3.1 Mixtures**

CAS No	% (weight)	Name	Classification
34036-80-1	0-10	phenyl-tris(methylethylketoxime) silane	Acute Tox. 5: H303; Skin Sens. 1: H317; Carc. 2: H351; STOT SE 3: H336; STOT RE 1: H372; Aquatic Acute 3: H402
2224-33-1	0-10	butan-2-one O,O'- (vinylsilylidene)trioxime	Eye Dam. 1: H318; Skin Sens. 1: H317; Carc. 2: H351; STOT SE 3: H336; STOT RE 1: H372; Aquatic Acute 3: H402

The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****4.1 Description of first aid measures**

<b>Skin contact</b>	Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately and wash before reuse. Consult a doctor.
<b>Eye contact</b>	Flush eyes continuously with running water immediately. Consult a doctor if eye irritation develops and persists.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Consult a doctor.
<b>Inhalation</b>	Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

**4.2 Most important symptoms and effects, both acute and delayed**

May cause an allergic skin reaction.
--------------------------------------

**5. FIRE-FIGHTING MEASURES**

<b>Fire hazard</b>	Not flammable.
<b>Extinguishing media</b>	» Water » Alcohol resistant foam » Carbon dioxide » Dry chemical powder
<b>Special person protection equipment for fire-fighters</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate the area.
<b>Specific hazards arising from fire-fighting</b>	Exposure to combustion products may be a hazard to health

Compilation date: 01/06/2015

Revision date: 28/10/2016

<b>Hazardous combustion products</b>	Irritating organic vapours may be formed.
<b>Protective equipment for fire-fighters</b>	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

**6. ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Use recommended personal protective equipment. Keep unprotected persons away.
-----------------------------	---

**6.2 Environmental precautions**

	Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated clean up water. Local authorities should be advised if significant spillages cannot be contained.
--	--

**6.3 Methods and material for containment and cleaning up**

	Wipe or soak with inert liquid binding material (sand, sawdust, etc.). Scrape away cured material. Dispose the spill material according to local or national regulations. Section 13 of the safety data sheet provides information regarding certain local or national requirements.
--	--

**6.4 Additional information**

	Prevent spillage from entering drainage/sewer systems. Spillages or uncontrolled discharges into watercourses must be immediately alerted to the environmental agency or other appropriate regulatory body.
--	---

**7. HANDLING AND STORAGE****7.1 Precautions for safe handling**

<b>Safe handling</b>	» Use in well ventilated area. » Avoid contact with skin and eyes. » Do not swallow. » Do not eat, drink or smoke when using the product. » Keep away from water, fire, heat and oxide. » Protect from moisture. » Take care to prevent spills, waste and minimise release into the environment. » For more information see section 8.
----------------------	---

**7.2 Conditions for safe storage, including incompatibilities**

<b>Suitable container</b>	» Must only be kept in original packaging. » Packing as recommended by manufacturer. » Check all containers are clearly labelled and free from leaks.
<b>Safe Storage</b>	» Store in a cool, dry, well ventilated area away from direct sunlight. » Recommended storage temperature: +5°C to +25°C. » Keep away from incompatibles. Refer to section 10 for incompatibles materials.
<b>Materials to avoid</b>	» Strong oxidising agents » Organic peroxides » Acids » Explosives » Heat

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters**

No further relevant information available.

Compilation date: 01/06/2015

Revision date: 28/10/2016

## 8.2 Exposure controls

<b>Respiratory protection</b>	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. In case of brief exposure use respiratory filter device. In case of longer exposure use self-contained respiratory protective device.
<b>Industrial hygiene</b>	Remove immediately all contaminated clothing. Do not inhale vapour. Wash hands and contaminated areas with water and soap before leaving the work site. Change clothing before leaving the workplace and wash before reuse. Do not eat, drink or smoke while using product.
<b>Hand protection</b>	Wear suitable gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the protective gloves with the glove manufacturer. Wash hands before and after use of product.
<b>Eye protection</b>	Wear protective goggles/ safety glasses.
<b>Skin protection</b>	Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

## 9.1 Information on basic physical and chemical properties

<b>Appearance</b>	Paste		
<b>Colour</b>	Grey	<b>Lower Explosive Limit (%)</b>	Not available
<b>Odour</b>	Slight	<b>Relative density (g/ml)</b>	1.00
<b>Odour threshold</b>	Not available	<b>Solubility in water (g/L)</b>	<1
<b>pH</b>	7	<b>Vapour pressure (kPa)</b>	Not available
<b>Melting point (°C)</b>	Not available	<b>Specific gravity (Water=1)</b>	Not available
<b>Boiling point (°C)</b>	Not applicable	<b>Oxidising properties</b>	Not classified as oxidising
<b>Flash point (°C)</b>	>90°C	<b>Viscosity (cSt)</b>	Not available
<b>Evaporation rate</b>	Not applicable	<b>Flammability</b>	Not classified as flammable
<b>Decomposition temperature</b>	Not available	<b>Explosive properties</b>	Not classified as explosive
<b>Auto ignition temperature (°C)</b>	Not available	<b>pH as a solution (1%)</b>	Not available
<b>Upper Explosive Limit (%)</b>	Not available	<b>VOC (g/L)</b>	

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Not classified as a reactive hazard.
<b>Stability</b>	Stable under recommended handling and storage conditions.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Conditions to avoid</b>	Exposure to moisture.
<b>Incompatible materials</b>	Material starts to cure in the presence of humid air or moisture.
<b>Hazardous decomposing products</b>	During fire this material may foam carbon dioxide, carbon monoxide and nitrogen oxide.

## 11. TOXICOLOGICAL INFORMATION

## 11.1 Information on likely routes of exposure

	» Skin contact » Ingestion » Eye contact
--	--

Compilation date: 01/06/2015

Revision date: 28/10/2016

**11.2 Potential health effects/symptoms**

<b>Inhalation</b>	May cause cough, headache, sore throat and passing out.
<b>Skin contact</b>	Causes skin irritation. May cause allergic skin reaction.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Ingestion</b>	Not expected to be harmful by ingestion.

**11.3 Acute toxicity**

	Not classified based on available data
--	--

**12. ECOLOGICAL INFORMATION**

	Not classified based on available information.
--	--

**13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

<b>Waste from residues</b>	Dispose of in accordance with local regulations.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not pierce or burn after use. If not otherwise specified dispose of as unused product.

**14. TRANSPORT INFORMATION**

<b>ADR</b>	Not regulated as dangerous goods.
<b>UNRTDG</b>	Not regulated as dangerous goods.
<b>IATA-DGR</b>	Not regulated as dangerous goods.
<b>IMDG-Code</b>	Not regulated as dangerous goods.
<b>Transport in bulk according to Annex II or MARPOL 73/78 and the IBC Code</b>	Not applicable for product as supplied.

**15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

<b>Other information</b>	Safety, health and environmental regulation/legislation specific for the substance or mixture.
--------------------------	--

**16. OTHER INFORMATION**

<b>Other information</b>	All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist. The details contained herein are based on our present state of knowledge and experience in characterising our product with regard to any possible safety requirement at the date of its publication.
<b>Definitions</b>	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
	IATA: International Air Transport Association
	IMDG: International Maritime Dangerous Goods
	UNRTDG: United Nations Recommendations on the Transport of Dangerous Goods
<b>Source</b>	Internal technical data, data from raw materials SDSs, OECD eChem Portal search results and European Chemicals Agency

Compilation date: 01/06/2015

Revision date: 28/10/2016

<b>Other hazard statements used in section 3</b>	H303: May be harmful if swallowed.
	H317: May cause an allergic skin reaction.
	H336: May cause drowsiness or dizziness.
	H351: Rinse cautiously with water for several minutes.
	H372: Explosion risk in case of fire.
	H402: Harmful to aquatic life.
<b>Legal disclaimer</b>	The information in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transport, disposal and release and shall not be considered as a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the users end product, if applicable.

Compilation date: 01/06/2015

Revision date: 28/10/2016