

**1 Identification****Product Name:** SOUDAL TRADE ROOF & GUTTER SILICONE**Other Means of Identification:** Mixture**Part Number:** 49181**Recommended Use of the Chemical and Restriction on Use:** Sealant**Details of Manufacturer or Importer:**

Soudal Australia Pty Ltd  
Unit 1, 29 Prince William Drive  
Seven Hills NSW 2147

**Phone Number:** 02 8678 7449**Emergency telephone number:** 1300 507 011**2 Hazard(s) Identification****Hazardous Nature:**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

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



health hazard

Carcinogenicity 2

H351 Suspected of causing cancer.

Aspiration Hazard 1

H304 May be fatal if swallowed and enters airways.



Serious Eye Damage/Irritation 2A H319 Causes serious eye irritation.

Skin Sensitisation 1 H317 May cause an allergic skin reaction.

**Signal Word** Danger**Hazard Statements**

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H304 May be fatal if swallowed and enters airways.

**Precautionary Statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P264 Wash hands thoroughly after handling.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321 Specific treatment (see on this label).  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 If eye irritation persists: Get medical advice/attention.

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P331	Do NOT induce vomiting.
P302+P352	IF ON SKIN: Wash with plenty of water.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national regulations.

**3 Composition and Information on Ingredients****Chemical Characterization: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

	Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics ◆ Aspiration Hazard 1, H304	>10%
96-29-7	2-butanone oxime ◆ Carcinogenicity 2, H351; ◆ Serious Eye Damage/Irritation 1, H318; ◆ Acute Toxicity (Dermal) 4, H312; Skin Sensitisation 1, H317; Flammable Liquids 4, H227	1-<3%
1760-24-3	1,2-Ethanediamine, N-[3-(trimethoxysilyl)propyl]- ◆ Serious Eye Damage/Irritation 1, H318; ◆ Skin Corrosion/Irritation 2, H315; Skin Sensitisation 1, H317	0.1-<1%

**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.

**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 persist.

**Ingestion:**

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention.

**Symptoms Caused by Exposure:**

Skin Contact: May cause slight skin irritation.

Eye Contact: Causes serious eye irritation.

Ingestion: May cause nausea.

**5 Fire Fighting Measures**

**Suitable Extinguishing Media:** Water spray, polyvalent foam, dry chemical powder and carbon dioxide.

**Specific Hazards Arising from the Chemical:**

In case of fire carbon monoxide, carbon dioxide and small quantities of nitrous vapours may be released. Not easily combustible.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

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### **6 Accidental Release Measures**

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear approved respiratory protection and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation. Extinguish all sources of ignition. Avoid sparks and open flames. No smoking.

**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:**

Stop leak if safe to do so. Collect the spill only if it is in a dry state. Clean contaminated surfaces with a soap solution.

### **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. Use only outdoors or in a well-ventilated area.

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 heat, sparks, open flames and other sources of ignition.

### **8 Exposure controls and personal protection**

**Exposure Standards:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Engineering Controls:** Ensure adequate ventilation of the working area.

**Respiratory Protection:**

Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

**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:**

Safety glasses with top and side shields or goggles. See Australian/New Zealand Standards AS/NZS 1337 for more information.

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## 9 Physical and Chemical Properties

**Appearance:**

<b>Form:</b>	Paste
<b>Colour:</b>	Variable in colour, depending on the composition
<b>Odour:</b>	Characteristic
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	No information available
<b>Melting point/freezing point:</b>	No information available
<b>Initial Boiling Point/Boiling Range:</b>	No information available
<b>Flash Point:</b>	No information available
<b>Flammability:</b>	Not easily combustible
<b>Auto-ignition Temperature:</b>	No information available
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	No information available
<b>Upper:</b>	No information available
<b>Vapour Pressure:</b>	No information available
<b>Density:</b>	1180 kg/m <sup>3</sup>
<b>Relative Density:</b>	1.2
<b>Vapour Density:</b>	No information available
<b>Evaporation Rate:</b>	No information available
<b>Solubility in Water:</b>	Insoluble
<b>VOC:</b>	<2 %

## 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:** Heat, sparks, open flames and other sources of ignition.**Incompatible Materials:** No information available**Hazardous Decomposition Products:**

Carbon monoxide, carbon dioxide and small quantities of nitrous vapours.

## 11 Toxicological Information

**Toxicity:****LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:****96-29-7 2-butanone oxime**

Oral	LD <sub>50</sub>	2326 mg/kg (rat) (male)
Dermal	LD <sub>50</sub>	>2000 mg/kg (rat)
	LD <sub>50</sub> /24h	>1000 mg/kg (rabbit) (male/female)
Inhalation	LC <sub>50</sub> /4 h	>4.83 mg/l (rat) (male/female)

**Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, <0.03% aromatics**

Oral	LD <sub>50</sub>	>5000 mg/kg (rat) (male/female)
Dermal	LD <sub>50</sub> /24 h	>3160 mg/kg (rabbit) (male/female)
Inhalation	LC <sub>50</sub> /4 h	>5266 mg/l (rat) (male/female)

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<b>1760-24-3 1,2-Ethanediamine, N-[3-(trimethoxysilyl)propyl]-</b>		
Oral	LD <sub>50</sub>	2413 mg/kg (rat) (male/female) 7684 mg/kg (rat) (male)
Dermal	LD <sub>50</sub> /24 h	>2000 mg/kg (rabbit) (male/female) 16480 mg/kg (rabbit) (male/female)
Inhalation	LC <sub>50</sub> /4 h	1.49-2.44 mg/l (rat) (male/female)

**Acute Health Effects****Inhalation:** No adverse health effects expected.**Skin:** May cause slight skin irritation.**Eye:** Causes serious eye irritation.**Ingestion:** May cause nausea.**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Causes serious eye irritation.**Respiratory or Skin Sensitisation:** May cause an allergic skin reaction.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:**

This product does NOT contain any IARC listed chemicals.

Suspected of causing cancer.

**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:** May be fatal if swallowed and enters airways.**Chronic Health Effects:** Continuous or repeated contact may cause skin rash/ inflammation.**Existing Conditions Aggravated by Exposure:** No information available**12 Ecological Information****Ecotoxicity:****Aquatic toxicity:**

<b>1760-24-3 1,2-Ethanediamine, N-[3-(trimethoxysilyl)propyl]-</b>	
EC <sub>0</sub> /48 h	<63 mg/l (daphnia) (OECD 202)
EC <sub>50</sub> /16 h	67 mg/l (pseudomonas putida)
EC <sub>50</sub> /48 h	81 mg/l (daphnia) 90 mg/l (daphnia) (OECD 202)
EC <sub>50</sub> /72 h	5.5 mg/l (selenastrum capricornutum)
LC <sub>50</sub> /96 h	213 mg/l (fish) (EPA 660/3-75/009) 597 mg/l (fish)
LC <sub>50</sub> /14 day	>1000 mg/kg soil (worms)
<b>96-29-7 2-butanone oxime</b>	
EC <sub>50</sub> /48 h	201 mg/l (daphnia)

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EC <sub>50</sub> /72 h	11.8 mg/l (algae)
LC <sub>50</sub> /96 h	>100 mg/l (fish)
<b>Hydrocarbons, C13-C23, n-alkanes, isoalkanes, cyclics, &lt;0.03% aromatics</b>	
EC <sub>50</sub> /3 h	>100 mg/l (activated sludge inhibition)
LC <sub>50</sub> /48 h	>3193 mg/l (crustacea)
LC <sub>50</sub> /96 h	>1028 mg/l (fish)

**Persistence and Degradability:** Contains non readily biodegradable component.

**Bioaccumulative Potential:** Bioaccumulation is not expected to occur.

**Mobility in Soil:** Components adsorb into the soil.

**Other adverse effects:**

None of the known components is included in the list of fluorinated greenhouse gases.

Not classified as dangerous for the ozone layer.

## 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:**

96-29-7	2-butanone oxime
1760-24-3	1,2-Ethanediamine, N-[3-(trimethoxysilyl)propyl]-

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**

Not a scheduled poison.

## 16 Other information

**Date of Preparation or Last Revision:** 25.05.2017

**Prepared by:** MSDS.COM.AU Pty Ltd

[www.msds.com.au](http://www.msds.com.au)

**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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

VOC: Volatile Organic Compounds

LC<sub>50</sub>: Lethal concentration, 50 percent

LD<sub>50</sub>: Lethal dose, 50 percent

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)

Flammable Liquids 4: Flammable liquids – Category 4

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Acute Toxicity (Dermal) 4: Acute toxicity – Category 4

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1

Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A

Skin Sensitisation 1: Skin sensitisation, Hazard Category 1

Carcinogenicity 2: Carcinogenicity – Category 2

Aspiration Hazard 1: Aspiration hazard – Category 1

## **Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016"

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