

Monarch Roof & Gutter Silicone Sealant - Black

Section 1: Identification: product identifier and chemical identity

1.1 Product identifier

Product name: Monarch Roof & Gutter Black Silicone Sealant

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Bond and Sealant

1.3 Details of the supplier of the SDS

Supplier: Australian Brushware Corporation PTY LTD
Address: Level 1, 20 Council Street Hawthorn East Victoria Australia 3123
Tel: +61 3 9358 0688
Fax: +61 3 9358 0600
Email: info@austbrush.com.au

1.4 Emergency telephone numbers

Poisons Information Centre: Australia 13 11 26, New Zealand 0800 764 766

Section 2: Hazards identification

2.1 GHS Classification

Skin irritation: Category 2A
Eye irritation: Category 1
Carcinogenicity: Category 2

2.2 GHS Labelling

Hazard pictograms:



Signal Word: Warning

Hazard Statements:

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

Precautionary Statements:

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.

P270 No eating or smoking during operation.

P280 Wear protective gloves, protective clothing, and eye protection.

P302+P352 If on skin, wash with plenty of water.

| | |
|-----------------------|--|
| P308+P313 | If exposed or concerned, get medical advice/ attention. |
| P305+P351+P313 | If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do and seek medical advice. |
| P301+P310+P330 | If material is swallowed, wash mouth with water and obtain medical attention immediately. Do not force the victim to vomit. |
| P304+P312+P340 | If inhaled, remove the victim to fresh air, and obtain medical attention. |
| P410+P403 | Keep away from direct sunlight, heat, and humidity. |
| P402+P404 | Store in dry place. Store in closed container. |

2.3 Other Hazards

No information available.

Section 3: Composition and information on ingredients

3.1 Pure substance/mixture

Mixture

3.2 Hazardous components

| Chemical Name | CAS-No. | Classification | Concentration (Weight %) |
|--|------------|---|--------------------------|
| Phenyl-tris(methylethylketoxime)silane | 34036-80-1 | Acute Tox. 5, H303; Skin Sens. 1, H317; Carc. 2, H351; STOTSE 3, H336; STOT RE 1, H372; Aquatic Acute 3, H402 | 0-10 |
| Butan-2-one O,O',O''-(vinylsilyldiylne) trioxime | 2224-33-1 | Eye Dam. 1, H318; Skin Sens. 1, H317; Carc. 2, H351; STOTSE 3, H336; STOT RE 1, H372; Aquatic Acute 3, H402 | 0-10 |

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

Section 4: First aid measures

4.1 Description of necessary first aid measures

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|---------------------------------|---|
| General advice: | In the case of accident or if you feel unwell, seek medical advice immediately with this document, refer to following. |
| If inhaled: | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if victim feel unwell. |
| In case of skin contact: | Immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse. |
| In case of eye contact: | Immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens. Get medical attention. |
| If swallowed: | DO NOT induce vomiting. Get medical attention. Rinse mouth thoroughly with water. |

4.2 Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction.

4.3 Protection of first-aiders

First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists.

4.4 Notes to physician:

Treat symptomatically and supportively.

Section 5: Firefighting measures

5.1 Extinguishing media

| | |
|---|--|
| Fire hazard: | Not flammable. |
| Flash point: | Above 90°C (Closed cup) |
| Suitable extinguishing media: | Water spray, Alcohol-resistant foam, Carbon dioxide (CO ₂), Dry chemical powder. |
| Unsuitable extinguishing media: | None known. |
| Specific hazards during fire-fighting: | Exposure to combustion products may be a hazard to health. |
| Hazardous combustion products: | Irritating organic vapours may be formed. |
| Specific extinguishing methods: | 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 area. |

5.2 Protective equipment for firefighters

In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

Section 6: Accidental release measures

6.1 Personal protection

Use personal protective equipment. Keep unprotected persons away.

6.2 Environmental protection

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

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the clean up of releases. You will need to determine which regulations are applicable.

6.4 Reference to other sections

See Section 7 for more information.

See section 8 for more information.

See section 13 for more information.

See section 15 for more information.

Section 7: Handling and storage

7.1 Local/Total ventilation

Use only with adequate ventilation.

7.2 Precautions for safe handling

Use only as directed on the label. Do not swallow and get in eyes. Handle in accordance with good hygiene and safety practice. Keep away from water, fire, heat and oxide. Protect from moisture. Take care to prevent spills, waste and minimize release to the environment. Persons susceptible to allergic reactions should not handle this product.

7.3 Conditions for safe storage.

Keep in properly labelled containers. Store locked up. Store in accordance with the particular national regulations.

7.4 Materials to avoid

Strong oxidizing agents, Organic peroxides, Acids, Foodstuffs, Explosives, Hot, Heat

Section 8: Exposure controls and personal protection

8.1 Components with workplace control parameters

No Further relevant information available.

8.2 Exposure controls

Personal protective equipment:



Respiratory protection:

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 or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Hand protection:

Choose 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 aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.

Eye protection:

Safety goggles.

Skin and body protection:

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).

Hygienic measures:

Ensure that eye flushing systems and safety showers are located close

to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Do not inhale gases/fumes/aerosols.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|---------------------------------|---|
| Appearance: | Paste |
| Colour: | Black |
| Odour: | Slight |
| pH: | 7 |
| Melting point: | N/A |
| Boiling point: | N/A |
| Flash point: | > 90°C |
| Flammability: | N/A |
| Explosion area: | N/A |
| Vapour pressure: | N/A |
| Relative vapour density: | N/A |
| Density: | 1.01g/ml |
| Solubility in water: | < 1 g/L |
| Explosive properties: | Not explosive |
| Oxidizing properties: | The substance or mixture is not classified as oxidizing |

Remark: These values are not intended for use in preparing specifications.

Section 10: Stability and reactivity

10.1 Reactivity

Not classified as a reactivity hazard.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Exposure to moisture.

10.5 Incompatible materials

Material starts to cure in the presence of humid air or moisture.

10.6 Hazardous decomposition of product

During a fire this material may form carbon dioxide, carbon monoxide and nitrogen oxide.

Section 11: Toxicological information

11.1 Information on likely routes of exposure

Skin contact, ingestion, and eye contact.

11.2 Potential health effects/symptoms

Inhalation: May cause cough, headache, sore throat, and passing out.

Skin contact: Causes skin irritation. May cause allergic skin reaction.

Eye contact: Causes serious eye irritation.

Ingestion: Not expected to be harmful by ingestion.

11.3 Acute toxicity

Not classified based on available information.

Section 12: Ecological information

Not classified based on available information.

Section 13: Disposal considerations

13.1 Disposal methods

Waste from residues: Dispose of in accordance with local regulations.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not pierce or burn, even after use. If not otherwise specified: Dispose of as unused product.

Section 14: Transport information

ADR: Not regulated as a dangerous good.

UNRTDG: Not regulated as a dangerous good.

IATA-DGR: Not regulated as a dangerous good.

IMDG-Code: Not regulated as a dangerous good.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:

Not applicable for product as supplied.

Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture.

Section 16: Other information

16.1 Revision Information

Date of the previous revision: 22 July 2016

Date of this revision: 12 April 2019

Revision summary: Brand revision and document styling

16.2 Full text of H-Statements

| | |
|------|--------------------------------------|
| H303 | May be harmful if swallowed. |
| H317 | May cause an allergic skin reaction. |
| H336 | May cause drowsiness or dizziness. |
| H402 | Harmful to aquatic life. |

16.3 Full text of other abbreviations

| | |
|---------------|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| AICS | Australian Inventory of Chemical Substances |
| ACGIH | American Conference of Governmental Industrial Hygienists |
| AIHA | American Industrial Hygiene Association |
| ASTM | American Society for the Testing of Materials |
| ATE | acute toxicity estimate |
| bw | Body weight |
| CEIL | Ceiling |
| CMRG | Chemical Manufacturer's Recommended Guidelines |
| CMR | Carcinogen, Mutagen or Reproductive Toxicant |
| DIN | Standard of the German Institute for Standardisation |
| DSL | Domestic Substances List (Canada) |
| ECx | Concentration associated with x% response |
| ELx | Loading rate associated with x% response |
| EmS | Emergency Schedule |
| ENCS | Existing and New Chemical Substances (Japan) |
| ErCx | Concentration associated with x% growth rate response |
| GHS | Globally Harmonized System |
| GLP | Good Laboratory Practice |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IBC | International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk |
| IC50 | Half maximal inhibitory concentration |
| ICAO | International Civil Aviation Organization |
| IECSC | Inventory of Existing Chemical Substances in China |
| IMDG | International Maritime Dangerous Goods |
| IMO | International Maritime Organization |
| ISHL | Industrial Safety and Health Law (Japan) |
| ISO | International Organisation for Standardization |
| KECI | Korea Existing Chemicals Inventory |
| LC50 | Lethal Concentration to 50% of a test population |
| LD50 | Lethal Dose to 50% of a test population (Median Lethal Dose) |
| MARPOL | International Convention for the Prevention of Pollution from Ships |
| n.o.s. | Not Otherwise Specified |

| | |
|----------------|--|
| NO(A)EC | No Observed (Adverse) Effect Concentration |
| NO(A)EL | No Observed (Adverse) Effect Level |
| NOELR | No Observable Effect Loading Rate |
| NZIoC | New Zealand Inventory of Chemicals |
| OSHA | United States Department of Labor - Occupational Safety and Health Administration |
| OECD | Organization for Economic Co-operation and Development |
| OPPTS | Office of Chemical Safety and Pollution Prevention |
| PBT | Persistent, Bioaccumulative and Toxic substance |
| PICCS | Philippines Inventory of Chemicals and Chemical Substances |
| (Q)SAR | (Quantitative) Structure Activity Relationship |
| REACH | Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SADT | Self-Accelerating Decomposition Temperature |
| SDS | Safety Data Sheet |
| STEL | Short Term Exposure Limit |
| TCSI | Taiwan Chemical Substance Inventory |
| TSCA | Toxic Substances Control Act (United States) |
| TWA | Time Weighted Average |
| UN | United Nations |
| UNRTDG | United Nations Recommendations on the Transport of Dangerous Goods |
| vPvB | Very Persistent and Very Bioaccumulative |

16.4 Further information

Sources of key data used to compile the Safety Data Sheet:

Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>