



Product Name **PROMASEAL AN ACRYLIC SEALANT**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier name PROMAT AUSTRALIA PTY LTD
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Web site <http://www.promat-ap.com/>
Synonym(s) FYRE SEAL MASTIC • PROMASEAL AN FIRE RATED ACRYLIC SEALANT • PROMAT PROMASEAL ACRYLIC SEALANT
Use(s) FIRE RATED JOINT SEALANT • FIRE RETARDANT • SEALANT
SDS date 03 April 2013

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

RISK PHRASES

R43 May cause sensitisation by skin contact.

SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S37/39 Wear suitable gloves and eye/face protection.

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

UN number None Allocated **DG class** None Allocated
Packing group None Allocated **Subsidiary risk(s)** None Allocated
Hazchem code None Allocated

3. COMPOSITION/ INFORMATION ON INGREDIENTS

| Ingredient | Identification | Classification | Content |
|---|----------------------------------|--------------------------------------|-----------|
| 1,2-BENZISOTHIAZOLIN-3-ONE | CAS: 2634-33-5 EC: 220-120-9 | Xn;R22 Xi;R38 Xi;R41 Xn;R43 N;R50 | <2% |
| 2-METHYL-4-ISOTHIAZOLIN-3-ONE | CAS: 2682-20-4 EC: 220-239-6 | Not Available | <2% |
| 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE | CAS: 26172-55-4 EC: 247-500-7 | Not Available | <2% |
| ETHYLENE GLYCOL | CAS: 107-21-1 EC: 203-473-3 | Xn;R22 | <2% |
| NAPHTHA (PETROLEUM) HYDRODESULPHURISED, HEAVY (REFINED) | CAS: 64742-82-1 EC: 265-185-4 | Xn;R65 | <2% |
| ACRYLIC POLYMER(S) | Not Available | Not Available | 30 to 60% |
| MINERAL FILLER(S) | Not Available | Not Available | 30 to 60% |
| SODIUM POLYOXYETHYLENE NONYLPHENYL ETHER SULPHATE | CAS: 9014-90-8 EC: 618-487-9 | Not Available | <2% |

4. FIRST AID MEASURES

| | |
|-------------------------|--|
| Eye | If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes. |
| Inhalation | If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. |
| Skin | If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor. |
| Ingestion | For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting. |
| Advice to doctor | Treat symptomatically. |

5. FIRE FIGHTING MEASURES

| | |
|---------------------------|---|
| Flammability | Non flammable. May evolve toxic gases (carbon/ nitrogen oxides, hydrocarbons) when heated to decomposition. |
| Fire and explosion | Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas. |
| Extinguishing | Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways. |
| Hazchem code | None Allocated |

6. ACCIDENTAL RELEASE MEASURES

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|----------------------------------|---|
| Personal precautions | Wear Personal Protective Equipment (PPE) as detailed in Section 8 of this SDS. |
| Environmental precautions | Prevent product from entering drains and waterways. |
| Methods of cleaning up | Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. |
| References | See Sections 8 and 13 for exposure controls and disposal. |

7. STORAGE AND HANDLING

| | |
|-----------------|---|
| Storage | Store in a cool, dry, well ventilated area, removed from oxidising agents, acids and foodstuffs. Ensure containers are adequately labelled and tightly closed when not in use. |
| Handling | Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards

| Ingredient | Reference | TWA | | STEL | |
|-------------------------------|-----------|-----|-------------------|------|-------------------|
| | | ppm | mg/m ³ | ppm | mg/m ³ |
| Ethylene glycol (particulate) | SWA (AUS) | -- | 10 | -- | -- |
| Ethylene glycol (vapour) | SWA (AUS) | 20 | 52 | 40 | 104 |

| | |
|-----------------------------|---|
| Biological limits | No biological limit allocated. |
| Engineering controls | Avoid inhalation. Use in well ventilated areas. |

| | |
|--------------------|---|
| PPE | |
| Eye / Face | Wear splash-proof goggles. |
| Hands | Wear PVC or rubber gloves. |
| Body | When using large quantities or where heavy contamination is likely, wear coveralls. |
| Respiratory | Where an inhalation risk exists, wear a Type A (Organic vapour) respirator. |



9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------------|------------------|
| Appearance | GREY/WHITE PASTE |
| Odour | ACRYLIC ODOUR |
| Flammability | NON FLAMMABLE |
| Flash point | NOT RELEVANT |
| Boiling point | NOT AVAILABLE |
| Melting point | NOT AVAILABLE |
| Evaporation rate | NOT AVAILABLE |
| pH | NOT AVAILABLE |
| Vapour density | NOT AVAILABLE |
| Specific gravity | 1.6 |
| Solubility (water) | SOLUBLE |
| Vapour pressure | NOT AVAILABLE |
| Upper explosion limit | NOT RELEVANT |
| Lower explosion limit | NOT RELEVANT |
| Autoignition temperature | NOT AVAILABLE |
| Decomposition temperature | NOT AVAILABLE |
| Viscosity | NOT AVAILABLE |
| Partition coefficient | NOT AVAILABLE |
| % Volatiles | NOT AVAILABLE |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Chemical stability | Stable under recommended conditions of storage. |
| Conditions to avoid | Avoid heat, sparks, open flames and other ignition sources. |
| Material to avoid | Incompatible with oxidising agents (eg. hypochlorites) and acids (eg. nitric acid). Please see section 12 for VOC content information. |
| Hazardous Decomposition Products | May evolve toxic gases (carbon/ nitrogen oxides, hydrocarbons) when heated to decomposition. |
| Hazardous Reactions | Polymerization will not occur. |

11. TOXICOLOGICAL INFORMATION

| | |
|------------------------------|---|
| Health Hazard Summary | Low toxicity - irritant. Use safe work practices to avoid eye or skin contact and inhalation. Due to the product form, nature of use and low vapour pressure, over exposure is not anticipated with normal use. Potential sensitising agent. |
| Eye | Irritant. Contact may result in irritation, lacrimation, pain and redness. |
| Inhalation | Low to moderate irritant. Over exposure may result in irritation of the nose and throat, with coughing. High level exposure may result in dizziness, drowsiness, nausea and headache. Due to product form and nature of use, an inhalation hazard is not anticipated with normal use. |
| Skin | Irritant. Contact may result in irritation, redness and rash. May cause sensitisation by skin contact. |
| Ingestion | Low toxicity. Ingestion may result in gastrointestinal irritation, nausea, vomiting, headache, abdominal pain and diarrhoea. However, due to product form ingestion is considered unlikely. Maintain good personal hygiene standards. |
| Toxicity data | 1,2-BENZISOTHIAZOLIN-3-ONE (2634-33-5) LD50 (ingestion) 1020 mg/kg (rat) |

Product Name PROMASEAL AN ACRYLIC SEALANT

ETHYLENE GLYCOL (107-21-1)

| | |
|-------------------|--|
| LC50 (inhalation) | 10 876 mg/kg (rat) |
| LD50 (ingestion) | 1650 mg/kg (cat) |
| LD50 (skin) | 9530 ug/kg (rabbit) |
| LDLo (ingestion) | 398 mg/kg (human) |
| TCLo (inhalation) | 10,000 mg/m ³ (human - cough) |
| TDLo (ingestion) | 5500 mg/kg (child - anaesthesia) |

SODIUM POLYOXYETHYLENE NONYLPHENYL ETHER SULPHATE (9014-90-8)

| | |
|------------------|---------------|
| LD50 (ingestion) | 10 g/kg (rat) |
|------------------|---------------|

12. ECOLOGICAL INFORMATION

| | |
|--------------------------------------|--|
| Toxicity | No information provided. |
| Persistence and degradability | No information provided. |
| Bioaccumulative potential | No information provided. |
| Mobility in soil | No information provided. |
| Other adverse effects | This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities. Not expected to bioaccumulate. TVOC 10g/L by Weight when tested to SCAQMD Method 303-91 Determination of Volatile Organic Compounds (VOC) in Various Materials as referenced by South Coast Air Quality Management Division (SCAQMD) Rule 1168. |

13. DISPOSAL CONSIDERATIONS

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|-----------------------|--|
| Waste disposal | For small amounts absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information if larger amounts are involved. Prevent contamination of drains and waterways as aquatic life may be threatened and environmental damage may result. |
| Legislation | Dispose of in accordance with relevant local legislation. |

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

| | LAND TRANSPORT (ADG) | SEA TRANSPORT (IMDG / IMO) | AIR TRANSPORT (IATA / ICAO) |
|-----------------------------|---------------------------------|---------------------------------------|--|
| UN number | None Allocated | None Allocated | None Allocated |
| Proper shipping name | None Allocated | None Allocated | None Allocated |
| DG class/ Division | None Allocated | None Allocated | None Allocated |
| Subsidiary risk(s) | None Allocated | None Allocated | None Allocated |
| Packing group | None Allocated | None Allocated | None Allocated |
| Hazchem code | None Allocated | | |

15. REGULATORY INFORMATION

| | |
|-----------------------------|--|
| Poison schedule | A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) |
| Inventory Listing(s) | AUSTRALIA: AICS (Australian Inventory of Chemical Substances) All components are listed on AICS, or are exempt. |

16. OTHER INFORMATION

Additional information

EXPOSURE STANDARDS - TIME WEIGHTED AVERAGES: Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

WELDING - SANDING - CUTTING DRIED OR CURED PRODUCT: If sanding, cutting or welding dried or cured product, adverse health effects may be avoided by the use of appropriate engineering controls and/or personal protective equipment. If welding, wear a Class P2 (Metal fume) respirator and depending on the nature of the surface being welded, additional protection (eg. for organic vapours/acid gas) may also be required. A Class P1 (Particulate) respirator is recommended if dust is generated.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

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; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a ChemAlert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

Abbreviations

| | |
|-------------------|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| CAS # | Chemical Abstract Service number - used to uniquely identify chemical compounds |
| CNS | Central Nervous System |
| EC No. | EC No - European Community Number |
| GHS | Globally Harmonized System |
| IARC | International Agency for Research on Cancer |
| LD50 | Lethal Dose, 50% / Median Lethal Dose |
| mg/m ³ | Milligrams per Cubic Metre |
| PEL | Permissible Exposure Limit |
| pH | relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline). |
| ppm | Parts Per Million |
| REACH | Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals |
| STOT-RE | Specific target organ toxicity (repeated exposure) |
| STOT-SE | Specific target organ toxicity (single exposure) |
| SUSMP | Standard for the Uniform Scheduling of Medicines and Poisons |
| TLV | Threshold Limit Value |
| TWA/OEL | Time Weighted Average or Occupational Exposure Limit |

Revision history

| Revision | Description |
|----------|----------------------|
| 2.1 | Standard SDS Review |
| 2.0 | Standard SDS Review. |
| 1.0 | Initial SDS creation |

Report status

This document has been compiled by RMT on behalf of the manufacturer, importer or supplier of the product and serves as their Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, importer or supplier.

While RMT has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

Product Name **PROMASEAL AN ACRYLIC SEALANT**

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Revision: 2.1
SDS Date: 03 April 2013

End of SDS