

# Material Safety Data Sheet

PRODUCT NAME **PROMASEAL® FIRE PILLOWS**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Supplier Name** PROMAT AUSTRALIA PTY LTD  
**Address** 1 Scotland Road, Mile End, SA, AUSTRALIA, 5031  
**Telephone** (08) 8352 6759  
**Fax** +61 8 8352 1014  
**Emergency** (08) 8352 6759  
**Web Site** <http://www.promat-ap.com>  
**Synonym(s)** FIRE PILLOWS • PROMAT PROMASEAL FIRE PILLOWS  
**Use(s)** FIRE PREVENTION CUSHION  
**MSDS Date** 15 May 2008

## 2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

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

|                  |                |                     |                |                           |                |
|------------------|----------------|---------------------|----------------|---------------------------|----------------|
| <b>UN No.</b>    | None Allocated | <b>DG Class</b>     | None Allocated | <b>Subsidiary Risk(s)</b> | None Allocated |
| <b>Pkg Group</b> | None Allocated | <b>Hazchem Code</b> | None Allocated | <b>EPG</b>                | None Allocated |

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | Formula       | CAS No.       | Content       |
|------------|---------------|---------------|---------------|
| COTTON     | Not Available | Not Available | Not Available |
| ROCKWOOL   | Not Available | Not Available | Not Available |

## 4. FIRST AID MEASURES

**Eye** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the PIC or 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.

**Ingestion** For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). Due to product form and application, ingestion is considered unlikely.

**Advice to Doctor** Treat symptomatically

## 5. FIRE FIGHTING MEASURES

**Flammability** Non flammable. May evolve toxic gases if strongly heated.

**Fire and Explosion** Non flammable. No fire or explosion hazard exists.

**Extinguishing** Non flammable.

**Hazchem Code** None Allocated

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**6. ACCIDENTAL RELEASE MEASURES**

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**Spillage** If product is damaged, seal and minimise fibre release. Wear dust-proof goggles, PVC/rubber gloves, a Class P2 (Particulate) respirator and coveralls. Clean area using approved micro-filter equipped vacuum cleaner or wet sweep. Reuse where possible or place in a sealable plastic bag for safe disposal to an approved landfill.

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**7. STORAGE AND HANDLING**

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**Storage** Store in cool, dry area, removed from moisture, oxidising agents, acids and foodstuffs. Ensure packages are adequately labelled, protected from physical damage and sealed 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.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**Exposure Stds** COTTON  
ES-TWA: ACGIH 0.2 mg/m<sup>3</sup>  
ROCKWOOL  
ES-TWA: 0.5 fibre/mL (respirable fibre)

**Biological Limits** No biological limit allocated.

**Engineering Controls** Use with adequate natural or mechanical ventilation during installation. If cutting with power tools, local extraction ventilation is recommended. Clean area with micro equipped vacuum cleaner or by wet sweeping.

**PPE** Personal Protective Equipment is not required under normal conditions of use. However, if the potential for fibre generation exists, wear dust-proof goggles, PVC/rubber gloves, a Class P1 (Particulate) respirator and coveralls.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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|                         |                                       |                                 |               |
|-------------------------|---------------------------------------|---------------------------------|---------------|
| <b>Appearance</b>       | FIBROUS SOLID SEALED IN COTTON CASING | <b>Solubility (water)</b>       | INSOLUBLE     |
| <b>Odour</b>            | ODOURLESS                             | <b>Specific Gravity</b>         | NOT AVAILABLE |
| <b>pH</b>               | NOT AVAILABLE                         | <b>% Volatiles</b>              | NOT AVAILABLE |
| <b>Vapour Pressure</b>  | NOT AVAILABLE                         | <b>Flammability</b>             | NON FLAMMABLE |
| <b>Vapour Density</b>   | NOT AVAILABLE                         | <b>Flash Point</b>              | NOT RELEVANT  |
| <b>Boiling Point</b>    | NOT AVAILABLE                         | <b>Upper Explosion Limit</b>    | NOT RELEVANT  |
| <b>Melting Point</b>    | NOT AVAILABLE                         | <b>Lower Explosion Limit</b>    | NOT RELEVANT  |
| <b>Evaporation Rate</b> | NOT AVAILABLE                         | <b>Autoignition Temperature</b> | NOT AVAILABLE |

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**10. STABILITY AND REACTIVITY**

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**Material to Avoid** Incompatible with oxidising agents (eg. peroxides) and acids (eg. hydrochloric acid).

**Decomposition** May evolve toxic gases if heated to decomposition.

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**11. TOXICOLOGICAL INFORMATION**

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**Health Hazard Summary** Low toxicity - irritant. Due to product encapsulation, no adverse health effects are anticipated, unless cut, sanded, drilled or damaged. Use safe work practices to avoid fibre generation - inhalation. Glass wool, rock (stone) wool and slag wool are now considered not classifiable as to carcinogenicity to humans (IARC Group 3).

**Eye** Irritant. Contact with fibres may result in irritation, lacrimation, pain and redness. Due to product encapsulation, a hazard is not anticipated unless packages are cut or damaged.

**Inhalation** Irritant. Exposure to fibres may result in mucous membrane irritation of the respiratory tract. Glass wool, rock (stone) wool and slag wool are now considered not classifiable as to carcinogenicity to humans (IARC Group 3). Due to product encapsulation, an inhalation hazard is not anticipated.

**Skin** Irritant. Contact with fibres may result in itching, pain, redness and rash. Due to product encapsulation, fibre generation is unlikely unless product is cut or damaged.

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**Ingestion** Exposure is considered unlikely.  
**Toxicity Data** No LD50 data available for this product.

**12. ECOLOGICAL INFORMATION**

**Environment** Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

**13. DISPOSAL CONSIDERATIONS**

**Waste Disposal** Dispose of to landfill. If product is damaged or dusts are likely, place in a sealed, appropriately labelled plastic bag, then dispose to landfill.  
**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**

|                      |                |                     |                |                           |                |
|----------------------|----------------|---------------------|----------------|---------------------------|----------------|
| <b>Shipping Name</b> | None Allocated |                     |                |                           |                |
| <b>UN No.</b>        | None Allocated | <b>DG Class</b>     | None Allocated | <b>Subsidiary Risk(s)</b> | None Allocated |
| <b>Pkg Group</b>     | None Allocated | <b>Hazchem Code</b> | None Allocated | <b>EPG</b>                | 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 Drugs and Poisons (SUSDP).  
**AICS** All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

**16. OTHER INFORMATION**

**Additional Information** The manufacturer reports that the ingredients in this product are listed on the Australian Inventory of Chemical Substances (AICS).

**RESPIRABLE FIBRES:** If fibres have a diameter of less than 3 microns, length greater than 5 microns, and a length to width ratio greater than 3:1, these are classified as 'respirable fibres'. When inhaled, respirable fibres are able to reach the lower region of the lungs, where, depending on the chemical nature of the fibre(s), chronic health effects may develop.

**SYNTHETIC MINERAL FIBRES (SMF):** Refers to synthetic fibrous inorganic substances made primarily from rock, clay, slag or glass. These fibres may be divided into three general groups; (i) GLASSFIBRES or FIBREGLASS (comprising glasswool and glass filament), (ii) ROCKWOOL/ SLAGWOOL, and (iii) CERAMIC FIBRES. If any of the fibres are classified as "respirable", they can be inhaled into the deepest part of the lungs.

**ABBREVIATIONS:**

ADB - Air-Dry Basis.

BEI - Biological Exposure Indice(s)

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

CNS - Central Nervous System.

EINECS - European INventory of Existing Commercial chemical Substances.

IARC - International Agency for Research on Cancer.

M - moles per litre, a unit of concentration.

mg/m<sup>3</sup> - Milligrams per cubic metre.

NOS - Not Otherwise Specified.

NTP - National Toxicology Program.

OSHA - Occupational Safety and Health Administration.

pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

ppm - Parts Per Million.

RTECS - Registry of Toxic Effects of Chemical Substances.

TWA/ES - Time Weighted Average or Exposure Standard.

**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

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application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

**PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:**

The recommendation for protective equipment contained within this Chem Alert 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.

**COLOUR RATING SYSTEM:** RMT has assigned all Chem Alert reports a colour rating of Green, Amber or Red for the sole purpose of providing users with a quick and easy means of determining the hazardous nature of a product. Safe handling recommendations are provided in all Chem Alert reports so as to clearly identify how users can control the hazards and thereby reduce the risk (or likelihood) of adverse effects. As a general guideline, a Green colour rating indicates a low hazard, an Amber colour rating indicates a moderate hazard and a Red colour rating indicates a high hazard.

While all due care has been taken by RMT in the preparation of the Colour Rating System, it is intended as a guide only and RMT does not provide any warranty in relation to the accuracy of the Colour Rating System. As far as is lawfully possible, RMT accepts no liability or responsibility whatsoever for the actions or omissions of any person in reliance on the Colour Rating System.

**Report Status**

This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Material Safety Data Sheet ('MSDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer 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.

While RMT has taken all due care to include accurate and up-to-date information in this MSDS, 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 MSDS.

**Prepared By**

Risk Management Technologies  
5 Ventnor Ave, West Perth  
Western Australia 6005  
Phone: +61 8 9322 1711  
Fax: +61 8 9322 1794  
Email: info@rmt.com.au  
Web: www.rmt.com.au

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**End of Report**