

## SECTION 1: Identification of the material and supplier

### 1.1. Product identifier

Product name : PROMASEAL Pillows  
Synonyms : FIRE PILLOWS • PROMAT PROMASEAL FIRE PILLOWS

### 1.2. Uses and uses advised against

Uses : FIRE PREVENTION CUSHION  
Fire Protection envelopes used in Passive Fire barrier system/s – Applications; Floors, ceilings, masonry & light weight walls of the same or greater fire resistance.

### 1.3. Details of the supplier of the safety data sheet

#### Supplier

Promat Australia Pty Ltd  
1 Scotland Road, Mile End SouthSA  
5031 Adelaide - AUSTRALIA  
T +61 8 8352 6759 - F +61 8 8352 1014  
[PAPL.mail@etexgroup.com](mailto:PAPL.mail@etexgroup.com) - [www.promat.com/en-au](http://www.promat.com/en-au)

#### Other

Promat Building Systems Pte. Ltd.  
10 Science Park Road, #03-14 the Alpha Singapore Science Park II  
117684 - SINGAPORE  
T +65 6776 7635  
[promat.sg@etexgroup.com](mailto:promat.sg@etexgroup.com) - [www.promat.com/en-sg](http://www.promat.com/en-sg)

#### Other

Etex Malaysia Sdn. Bhd. (formerly known as Promat Malaysia Sdn. Bhd)  
Unit 19-02-01, Level 2, Wisma Tune  
No 19, Lorong Dungun, Damansara Heights 50490  
Kuala Lumpur - MALAYSIA  
T +603 2095 8555  
[promat.my@etexgroup.com](mailto:promat.my@etexgroup.com) - [www.promat.com/en-my](http://www.promat.com/en-my)

#### Other

Promat International (Asia Pacific) Ltd.  
Room 1010, C.C Wu Building, 302-308 Hennessy  
RoadWanchai – HONG KONG  
T +852 2836 3692  
[promat.hk@etexgroup.com](mailto:promat.hk@etexgroup.com) - [www.promat.com/en-hk](http://www.promat.com/en-hk)

#### Other

Promat Shanghai Ltd.  
No. 2, Tai Hua Street, Yonghe Economic District  
Guangzhou City, Guangdong Province 511356 -  
CHINAT +86 20 8136 1167  
[promat.cn@etexgroup.com](mailto:promat.cn@etexgroup.com) - [www.promat.com.cn](http://www.promat.com.cn)

### 1.4. Emergency telephone number

Emergency : +61 8 8352 6759  
Poison information centre : 13 11 26

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

### 2.2. GHS Label elements

No signal word, pictograms, hazard or precautionary statements have been allocated.

### 2.3. Other hazards

No information provided.

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### SECTION 3: Composition/information on ingredients

#### 3.1. Substances / Mixtures

Ingredient	CAS Number	EC Number	Content
STONEWOOL (CA-MG-AL-SILICATE FIBERIZED BIO-SOLUBLE ROCK)	-	-	>90%
COTTON	-	-	<10%

### SECTION 4: First aid measures

#### 4.1. Description of 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 Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). Due to product form and application, ingestion is considered unlikely.
First aid facilities	: None allocated.

#### 4.2. Most important symptoms and effects, both acute and delayed

See Section 11 for more detailed information on health effects and symptoms.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Use an extinguishing agent suitable for the surrounding fire.

#### 5.2. Special hazards arising from the substance or mixture

Non flammable. May evolve toxic gases if strongly heated.

#### 5.3. Advice for firefighters

No fire or explosion hazard exists.

#### 5.4. Hazchem code

None allocated.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

#### 6.2. Environmental precautions

Prevent product from entering drains and waterways.

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### 6.3. Methods of cleaning up

If product is damaged, seal and minimise fibre release. Clean spill site using a micro-filter equipped industrial vacuum or by wet sweeping. Reuse where possible or place in a sealable plastic bag for safe disposal to an approved landfill.

### 6.4. Reference to other sections

See Sections 8 and 13 for exposure controls and disposal.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe 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.

### 7.2. Conditions for safe storage, including any incompatibilities

No special requirements for the storage of this product.

### 7.3. Specific end uses

No information provided.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure standards

Ingredient	Reference	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Cotton dust, raw (c)	SWA [AUS]	--	0.2	--	--
Cotton dust, raw (c)	SWA [Proposed]	--	0.01	--	--
Stonewool	SWA [AUS]	--	0.5 f/ml	--	--

#### Biological limits:

No biological limit values have been entered for this product.

### 8.2. Exposure controls

#### Appropriate engineering controls:

Avoid inhalation. Use in well ventilated areas. If power tools are used, mechanical extraction ventilation at source is recommended.

#### PPE

Eye / Face  
Hands  
Body  
Respiratory

- : Wear dust-proof goggles.
- : Wear PVC or rubber gloves.
- : Wear coveralls.
- : At high dust levels, wear a Full-face Class P2 (Particulate) respirator. If cutting or sanding with potential for dust generation, wear a Class P1 (Particulate) respirator.



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### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Appearance	: Fibrous solid sealed in cotton casing
Odour	: Odourless
Flammability	: Non flammable
Flash point	: Not relevant
Boiling point	: Not available
Melting point	: > 1000°C
Evaporation rate	: Not available
pH	: Not available
Vapour density	: Not available
Solubility (water)	: Insoluble
Vapour pressure	: Not available
Upper explosion limit	: Not relevant
Lower explosive limit	: Not relevant
Partition coefficient	: Not available
Autoignition temperature	: Not available
Decomposition temperature	: Not available
Viscosity	: Not available
Explosive properties	: Not available
Oxidising properties	: Not available
Odour threshold	: Not available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Carefully review all information provided in sections 10.2 to 10.6.

#### 10.2. Chemical stability

Stable under recommended conditions of storage.

#### 10.3. Possibility of hazardous reactions

Polymerization is not expected to occur.

#### 10.4. Conditions to avoid

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

#### 10.5. Incompatible materials

Compatible with most commonly used materials. Please see section 12 for VOC content information.

#### 10.6. Hazardous decomposition products

May evolve toxic gases if heated to decomposition.

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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity	: Based on available data, the classification criteria are not met.
Skin	: Not classified as a skin irritant. Contact may result in mechanical irritation, redness and rash.
Eye	: Not classified as an eye irritant. Contact with dust or fibres may result in mechanical irritation.
Sensitisation	: Not classified as causing skin or respiratory sensitisation.
Mutagenicity	: Insufficient data available to classify as a mutagen.
Carcinogenicity	: Not classified as a carcinogen. The glass filament contained in this product is reported to be non respirable and is not classifiable as to its carcinogenicity in humans (IARC Group 3).
Reproductive	: Insufficient data available to classify as a reproductive toxin.
STOT – single exposure	: Not classified as causing organ damage from single exposure. Over exposure to dust or fibres may result in irritation of the nose and throat, with coughing. The fibres contained within this product are reported to be non respirable.
STOT – repeated exposure	: Not classified as causing organ damage from repeated exposure.
Aspiration	: Not classified as causing aspiration.

### SECTION 12: Ecological information

#### 12.1. Toxicity

No information provided.

#### 12.2. Persistence and degradability

No information provided.

#### 12.3. Bioaccumulative potential

No information provided.

#### 12.4. Mobility in soil

No information provided.

#### 12.5. Other adverse effects

TVOC 0g/L by Weight. The TVOC value has been calculated theoretically from the total sum of VOC content in each raw material contained within the product & the manufacturing process. This product is supplied in cured form & is used in part of fire stopping systems. The calculation method used to establish TVOC content of this product is in accordance with the formula as specified in "The South Coast Air Quality Management District Rule 1168".

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

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.

### SECTION 14: Transport information

#### NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)
14.1 UN Number	None allocated.	None allocated.	None allocated.
14.2 Proper Shipping Name	None allocated.	None allocated.	None allocated.
14.3 Transport hazard class	None allocated.	None allocated.	None allocated.
14.4 Packing Group	None allocated.	None allocated.	None allocated.

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### 14.5. Environmental hazards

No information provided.

### 14.6. Special precautions for user

Hazchem code : None allocated.

## SECTION 15: Regulatory information

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

- 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).
- Classifications : Safe Work Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals (GHS Revision 7).
- Inventory listings : **AUSTRALIA: AIIC (Australian Inventory of Industrial Chemicals)**  
All components are listed on AIIC, or are exempt.

## SECTION 16: Other information

- Additional information : GLASSWOOL (FIBREGLASS) - ROCKWOOL - MINERAL WOOL TILES: Please note that stringent standards are required when installing fibrous glass and ceramic materials. NOHSC and Building Industry Standards and procedures exist for the use of these products.
- SYNTHETIC MINERAL FIBRES (SMF), also known as Man Made Mineral Fibre: 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.
- GLASSFIBRES - FIBREGLASS (comprising glasswool and glass filament): Glasswool is formed by blowing or spinning molten glass. An entangled matt of fibrous material results and may contain 'respirable' fibres (diameter < 3 microns, length > 5 microns, length to width ratio greater than 3:1). Glass filament or reinforcing filament is extruded or continuously drawn from molten glass and has a relatively large diameter, usually greater than 6 microns, and a narrow range of diameter distribution. These continuous filaments are usually non-respirable.
- GLASSWOOL (FIBREGLASS): MINERAL FIBRE Worksafe exposure standards for synthetic mineral fibres are:
- \* TWA for respirable fibres: 0.5 fibres/mL
  - \* TWA for non respirable (inspirable) fibres > 3 microns: 2.0 mg/m<sup>3</sup>
- It should be noted that these levels should be used as a guide only and all measures taken to keep levels as low as practicable.
- PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:  
The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as form of product, 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: form of product; 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 report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

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### 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.
EMS	Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods).
GHS	Globally Harmonized System
GTEPG	Group Text Emergency Procedure Guide
IARC	International Agency for Research on Cancer
LC50	Lethal Concentration, 50% / Median Lethal Concentration
LD50	Lethal Dose, 50% / Median Lethal Dose
mg/m <sup>3</sup>	Milligrams per Cubic Metre
OEL	Occupational Exposure Limit
pH	relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm	Parts Per Million
STEL	Short-Term Exposure Limit
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
SWA	Safe Work Australia
TLV	Threshold Limit Value
TWA	Time Weighted Average

### DISCLAIMER OF LIABILITY

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*