PROMASEAL® FyreStrip

Safety information

Issue date: 8/3/2021 Version: 2.5

SECTION 1: Identification of the material and supplier

1.1. Product identifier

Product name : PROMASEAL EXPANSION STRIP
Synonyms : FYRESTRIP ● PROMAT FYREGUARD EXPANSION STRIP

1.2. Uses and uses advised against

Uses : INDUSTRIAL APPLICATIONS

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 - 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 - 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 - 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 - 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 - 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.

SECTION 3: Composition/information on ingredients

3.1. Substances / Mixtures

Ingredient	CAS Number	EC Number	Content
GRAPHITE	7782-42-5	231-955-3	<40%
PVC RESIN	24345-02-6	246-181-1	<30%
NON HAZARDOUS INGREDIENTS	Not Available	Not Available	Remainder
POLYURETHANE FOAM	9009-54-5	-	<25%

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.

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

Adverse effects not expected from this product under normal conditions of use.

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.

6.3. Methods of cleaning up

If spilt, collect and reuse where possible.

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

Store in dry area out of direct sunlight. Maintain product in sealed packaging as supplied.

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/m³	ppm	mg/m³
Graphite (all forms except fibres)	SWA [AUS]	--	3	--	--

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 sanding, drilling or cutting, use appropriate local extraction ventilation.

PPE

Eye / Face	:	Not required under normal conditions of use.
Hands	:	Not required under normal conditions of use.
Body	:	Not required under normal conditions of use.
Respiratory	:	At high dust levels, wear a Class P1 (Particulate) respirator.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	:	Black solid
Odour	:	Odourless
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
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.

10.6. Hazardous decomposition products

May evolve toxic gases if heated to decomposition.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	:	This product is expected to be of low acute toxicity. Under normal conditions of use, adverse health effects are not anticipated.
Skin	:	Not classified as a skin irritant. Skin irritation is not anticipated under normal conditions of use.
Eye	:	Not classified as an eye irritant. Eye irritation is not anticipated under normal conditions of use.
Sensitisation	:	Not classified as causing skin or respiratory sensitisation.
Mutagenicity	:	Not classified as a mutagen.
Carcinogenicity	:	Not classified as a carcinogen.
Reproductive	:	Not classified as a reproductive toxin.
STOT – single exposure	:	Not classified as causing organ damage from single exposure.
STOT – repeated exposure	:	Not classified as causing organ damage from repeated exposure.
Aspiration	:	Not relevant.

SECTION 12: Ecological information

12.1. Toxicity

Low toxicity to aquatic organisms.

12.2. Persistence and degradability

This product is not readily biodegradable.

12.3. Bioaccumulative potential

This product is not expected to bioaccumulate.

12.4. Mobility in soil

This product is not likely to volatise rapidly into the air because of its low vapour pressure. It is not likely to move rapidly with surface or groundwater flows because of its low water solubility.

12.5. Other adverse effects

TVOC 0g/L by Weight. The TVOC value has been calculated theoretically from the total sum of VOC content within each raw material contained within this product & its manufacturing process. This product is supplied in cured form and forms part of a fire stopping system. 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	:	No special precautions are required for the disposal of this product.
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.

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 : 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.

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/m³	Milligrams per Cubic Metre
OEL	Occupational Exposure Limit
pH	elates 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.