



Product Name **PROMAT FIRE COLLAR**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier name PROMAT AUSTRALIA PTY LTD
Address 1 Scotland Road, Mile End, SA, 5031, AUSTRALIA
Telephone (08) 8352 6759
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Web site <http://www.promat-ap.com/>
Synonym(s) PROMASEAL CFC32 • PROMASEAL FC • PROMASEAL FCD • PROMASEAL FCS • PROMASEAL FCW • PROMASEAL FWR • PROMASEAL GREEN CAST IN COLLARS • PROMASEAL HI-BLU COLLARS • PROMASEAL PSS (FR SERVICES COLLAR) • PROMASNAP FLOORWASTE COLLAR • UNICOIL • UNICOLLAR
Use(s) FIRE PROTECTION APPLICATIONS • INDUSTRIAL APPLICATIONS
SDS date 03 May 2013

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

RISK PHRASES

None allocated

SAFETY PHRASES

None allocated

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
GRAFITEX	Not Available	Not Available	40 to 70%
STEEL	Not Available	Not Available	<60%
STEEL MANUFACTURE, CHEMICALS	CAS: 65997-19-5 EC: 266-048-1	Not Available	<40%
POLYPROPYLENE	CAS: 9003-07-0 EC: 618-352-4	Not Available	<10%

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.

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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 No fire or explosion hazard exists.

Extinguishing Use an extinguishing agent suitable for the surrounding fire.

Hazchem code None Allocated

6. ACCIDENTAL RELEASE MEASURES

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 If spilt, collect and reuse where possible.

References See Sections 8 and 13 for exposure controls and disposal.

7. STORAGE AND HANDLING

Storage Store in dry area out of direct sunlight. No special requirements for the storage of this product, however good hygiene standards should include removal from foodstuffs and maintain product in sealed packaging as supplied.

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
Iron oxide fume (Fe ₂ O ₃) (as Fe)	SWA (AUS)	--	5	--	--

Biological limits No biological limit allocated.

Engineering controls Avoid inhalation. Use in well ventilated areas. If sanding, drilling or cutting, use appropriate local extraction ventilation.

PPE

Eye / Face If cutting or sanding with potential for dust generation, wear safety glasses.

Hands Not required under normal conditions of use.

Body Not required under normal conditions of use.

Respiratory Not required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance COLOURED FIRE COLLAR 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

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Specific gravity	NOT AVAILABLE
Solubility (water)	INSOLUBLE
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	Compatible with most commonly used materials.
Hazardous Decomposition Products	May evolve toxic gases if heated to decomposition.
Hazardous Reactions	Polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	Low toxicity - low irritant. This product is anticipated represent minimal hazard with normal use. Use safe work practices to avoid the generation of dust particles.
Eye	Due to product form and nature of use, the potential for exposure is reduced. Product may only present a hazard if dust is generated. Contact may result in mechanical irritation.
Inhalation	Low irritant. An inhalation hazard is not anticipated unless dust is generated. Over exposure to dust may result in irritation of the nose and throat, with coughing.
Skin	Low irritant. Prolonged or repeated exposure to dust may result in irritation and dermatitis.
Ingestion	Ingestion is considered unlikely due to product form.
Toxicity data	STEEL LD50 (ingestion) 30000 mg/kg (rat) POLYPROPYLENE (9003-07-0) LD50 (intraperitoneal) > 110 g/kg (rat) LD50 (intravenous) > 99 g/kg (rat)

12. ECOLOGICAL INFORMATION

Toxicity	Low toxicity to aquatic organisms.
Persistence and degradability	Limited information was available at the time of this review.
Bioaccumulative potential	Not anticipated to bioaccumulate.
Mobility in soil	Not available, but considered low.
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".

13. DISPOSAL CONSIDERATIONS

Waste disposal	This product is recyclable, please contact Promat Australia for further details & prevailing conditions.
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 RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

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

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Revision history

Revision	Description
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.

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Revision: 1
SDS Date: 03 May 2013

End of SDS