

Chem Alert Report

Manufacturer's Material Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name PROMATECT-S

Synonyms PROMATECT S, PS - MANUFACTURER'S CODE, S PROMATECT.

Uses FIRE PROTECTION.

Supplier Name PROMAT AUSTRALIA PTY LTD

Address 1 Scotland Road, MILE END SA, 5031, AUSTRALIA

Telephone (08) 8352 6759

Fax +61 8 8352 1014

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA
NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Formula	Conc.	CAS No.
STEEL		Not Available	Not Available
CELLULOSE FIBRE(S)		Not Available	Not Available
PORTLAND CEMENT MINERALS		Not Available	Not Available

4. FIRST AID MEASURES

Eye Not applicable, unless container damaged and dust generated. Hold eyelids apart and flush the eye continuously with running water. Continue flushing for at least 15 minutes.

Inhalation Not applicable. Due to product form, acute inhalation symptoms are not anticipated.

Skin Not applicable.

Ingestion Ingestion is considered unlikely.

**Advice To
Doctor** Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammability Non flammable. No fire or explosion hazard exists.

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

Extinguishing Non flammable.

Hazchem Code None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage Not applicable.

Colour
Rating
GREEN

7. HANDLING AND STORAGE

Handling Use safe work practices to avoid eye or skin contact and inhalation. Observe good personal hygiene. Prohibit eating, drinking and smoking in contaminated areas. Wash hands before eating. Remove contaminated clothing and protective equipment before entering eating areas.

Storage Store in cool, dry, well ventilated area, removed from oxidising agents, acids and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation Ensure adequate natural ventilation. Maintain dust levels below the recommended exposure standard.

Exposure Standards STEEL (Not Available)
TWA : 5 mg/m3 as Iron Oxide Fume

PORTLAND CEMENT MINERALS (Not Available)
TWA : 10 mg/m3 Portland Cement

PPE No personal protective equipment is normally required. However, if products are cut or damaged with dust formation, wear dust proof goggles and a Class P1 (Particulate) respirator.

NO PPE REQUIRED

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: STEEL BOARD FILLED WITH CEMENT
Odour: ODOURLESS
pH: NOT AVAILABLE
Vapour Pressure: NOT AVAILABLE
Vapour Density: NOT AVAILABLE
Boiling Point: NOT AVAILABLE
Melting Point: NOT AVAILABLE
Evaporation Rate: NOT AVAILABLE
Solubility (water): INSOLUBLE
Specific Gravity: NOT AVAILABLE
% Volatiles: NOT AVAILABLE
Flammability: NOT AVAILABLE
Flash Point: NOT AVAILABLE
Upper Explosion Limit: NOT AVAILABLE
Lower Explosion Limit: NOT AVAILABLE
Autoignition Temperature: NOT AVAILABLE
Density: 2300 kg/m3

10. STABILITY AND REACTIVITY

Reactivity Incompatible with oxidising agents (eg. hypochlorites, peroxides) and acids (eg. sulfuric acid).

Decomposition Products May evolve toxic gases if heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Health Hazard

Colour
Rating
GREEN

11. TOXICOLOGICAL INFORMATION cont.

Summary

Low toxicity - low irritant. This product has the potential to cause adverse health effects with skin contact and dust generation - inhalation. However, due to product form (enclosed solid), an exposure hazard is not anticipated unless cut or sanded. This product may contain trace amounts of hexavalent chromium which is classified as carcinogenic to humans (IARC Group 1).

Eye Not applicable. This product may only present a hazard if it is cut, drilled or sanded with dust generation, which may result in irritation and lacrimation.

Inhalation Not applicable. An inhalation hazard is not anticipated unless product is cut, drilled or sanded, generating dust which may result in irritation of the nose and throat and possible respiratory sensitisation. Hexavalent chromium compounds are classified as carcinogenic to humans (IARC Group 1).

Skin Low irritant. Skin contact is unlikely unless product is cut, drilled or sanded and dust generated. Skin contact may result in irritation and possible sensitisation.

Ingestion Not applicable. Due to product form, ingestion is considered highly unlikely.

Toxicity Data STEEL (Not Available)
LD50 (Ingestion) : 30000 mg/kg (rat)

12. ECOLOGICAL INFORMATION

Environment No specific ecotoxicity data was available for this product at the time this MSDS was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Dispose of to an approved industrial waste bin or landfill site. Contact Waste Disposal Authorities in your State for further details and required approvals.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

Transport Not classified as a Dangerous Good according to the Australian Code for the transport of Dangerous Goods by Road and Rail.

UN Number None Allocated

DG Class None Allocated

Subsidiary Risk(s) None Allocated

Packing Group 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 Drugs and Poisons (SUSDP).

Colour
Rating
GREEN

16. OTHER INFORMATION

Additional Information This product is used for internal and external fire protection applications such as internal and external walls, ceiling linings, ducts and plenums. The manufacturer reports that the ingredients in this product are listed on the Australia Inventory of Chemical Substances (AICS).

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).

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.

COLOUR RATING SYSTEM: Chem Alert reports are assigned a colour rating of Green, Amber or Red for the 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.

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. Information provided by Risk Management Technologies is summarised for ease of use. Additional technical information is available by calling +61 8 9322 1711.

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

ABBREVIATIONS:
mg/m³ - Milligrams per cubic metre
ppm - Parts Per Million
TWA/ES - Time Weighted Average or Exposure Standard.
pH - relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline.
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.
M - moles per litre, a unit of concentration.
IARC - International Agency for Research on Cancer.

MSDS Reviewed 1st January 2004

Date Printed 2nd September 2004

Report Status Chem Alert reports are compiled as an independent source of information by RMT's scientific department, based on the latest chemical and toxicological research and, where appropriate, in compliance with relevant standards, guidance notes and legislation. Where available the manufacturer's original MSDS is also provided to Chem Alert subscribers as a scanned image for their convenience. In many instances Chem Alert reports are compiled on behalf of manufacturers in which case they serve as the "Manufacturer's MSDS" and are clearly identified as such on the relevant reports.

Colour Rating GREEN

Chem Alert Report

Manufacturer's Material Safety Data Sheet

Prepared By

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

**Colour
Rating
GREEN**