

# Material Safety Data Sheet

Prepared by Chem Alert

Product Name **PROMATECT -100 (PENDING APPROVAL)**

## 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  
**Fax** +61 8 8352 1014

**Synonyms** PROMATECT 100.

**Uses** FIRE PROTECTION, BUILDING MATERIAL.

## 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.
CALCIUM SILICATE		>60%	Not Available

## 4. FIRST AID MEASURES

**Eye** Flush gently with running water. Seek medical attention if irritation develops.

**Inhalation** If over exposure occurs, leave exposure area immediately. Seek medical attention if symptoms develop.

**Skin** (Dust). Gently flush affected areas with water. Seek medical attention if irritation develops.

**Ingestion** For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor. Ingestion is considered unlikely due to product form.

**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** Collect and reuse where possible.

## 7. HANDLING AND STORAGE

**Handling** Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact

**Colour  
Rating  
GREEN**

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## 7. HANDLING AND STORAGE cont.

and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas (eg. if container is damaged).

**Storage** Store in cool, dry, well ventilated area, removed from oxidising agents, acids and foodstuffs. Ensure product is adequately labelled.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Ventilation** Do not inhale dust/ powder. Use with adequate natural ventilation. Where a dust inhalation hazard exists, mechanical extraction ventilation is recommended.

**Exposure Standards** CALCIUM SILICATE (Not Available)  
ES-TWA : 10 mg/m<sup>3</sup>\*  
WES-TWA : 10 mg/m<sup>3</sup>

**PPE** No personal protective equipment is normally required. If cutting or sanding with potential for dust generation, wear dust-proof goggles, a Class P1 (Particulate) Respirator and leather or cotton gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** OFF-WHITE COLOURED BOARD  
**Odour:** ODOURLESS  
**pH:** 9 (Approximately)  
**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:** NON FLAMMABLE  
**Flash Point:** NOT RELEVANT  
**Upper Explosion Limit:** NOT RELEVANT  
**Lower Explosion Limit:** NOT RELEVANT  
**Autoignition Temperature:** NOT AVAILABLE

## 10. STABILITY AND REACTIVITY

**Reactivity** Compatible with most commonly used materials.

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

## 11. TOXICOLOGICAL INFORMATION

**Health Hazard Summary** Low toxicity - irritant. Under normal conditions of use this product is not anticipated to present a hazard unless product is cut, drilled or sanded with the generation of irritating dust. Use safe work practices to avoid dust generation and inhalation. The calcium silicate in this product is in the non fibrous form and is non respirable.

**Colour Rating**  
**GREEN**

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## 11. TOXICOLOGICAL INFORMATION cont.

- Eye** Not applicable. Due to product form, irritation is not expected unless cut or heated and dusts generated.
- Inhalation** Not applicable. An inhalation hazard is not anticipated unless this material is cut, drilled or sanded with dust generation, which may result in mucous membrane irritation of the upper respiratory tract with over exposure.
- Skin** Not applicable. If dust is generated, prolonged exposure may result in irritation, itching, redness, rash and possible dermatitis.
- Ingestion** Not applicable. Due to product form, ingestion is considered highly unlikely.

## 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** Reuse where possible. No special precautions are required for this product.
- 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

- AICS** All chemicals listed on the Australian Inventory of Chemical Substances (AICS).
- 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).

## 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.

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

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## 16. OTHER INFORMATION cont.

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.

### 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/m<sup>3</sup> - Milligrams per cubic metre

ppm - Parts Per Million

TWA/ES - Time Weighted Average or Exposure Standard.

CNS - Central Nervous System

NOS - Not Otherwise Specified

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.

**Report Reviewed** 31st March 2006

**Date Printed** 31st March 2006

**Report Status** Chem Alert reports are compiled as an independent source of information by RMT's scientific department. The information is based on the latest chemical and toxicological research, and in compliance with relevant standards, guidance notes and legislation (where applicable). The Chem Alert report is not intended as a replacement to the manufacturer's original MSDS that is provided to Chem Alert subscribers for 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.

**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

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