



Product Name **PROMASPRAY P300**

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier name **PROMAT AUSTRALIA PTY LTD**  
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Synonym(s) P300  
Use(s) FIRE PROTECTIVE PRODUCT  
SDS date 12 April 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
QUARTZ (SILICA CRYSTALLINE)	CAS: 14808-60-7 EC: 238-878-4	Not Available	<0.1%
CALCIUM SULPHATE HEMIHYDRATE	CAS: 26499-65-0 EC: 607-950-0	Not Available	50 to 70%
VERMICULITE	CAS: 1318-00-9 EC: 603-518-0	Not Available	20 to 30%
LIMESTONE	CAS: 1317-65-3 EC: 215-279-6	Not Available	<5%
NON HAZARDOUS INGREDIENTS	Not Available	Not Available	~ Remainder

### 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. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

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**Ingestion**                      For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

**Advice to doctor**              Treat symptomatically.

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**5. FIRE FIGHTING MEASURES**

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**Flammability**                      Non flammable.

**Fire and explosion**              No fire or explosion hazard exists.

**Extinguishing**                      Use an extinguishing agent suitable for the surrounding fire.

**Hazchem code**                      None Allocated

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**6. ACCIDENTAL RELEASE MEASURES**

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**Personal precautions**              Wear Personal Protective Equipment (PPE) as detailed in Section 8 of this SDS. Clear area of all unprotected personnel. Contact emergency services where appropriate.

**Environmental precautions**        Prevent product from entering drains and waterways.

**Methods of cleaning up**              Contain spillage, then collect and place in suitable containers for reuse or disposal. Avoid generating dust.

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

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**7. STORAGE AND HANDLING**

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

**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.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**Exposure standards**

Ingredient	Reference	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Calcium carbonate	SWA (AUS)	--	10	--	--
Nuisance dust	SWA (AUS)	--	10	--	--
Silica, Crystalline Quartz	SWA (AUS)	--	0.1	--	--

**Biological limits**                      No biological limit allocated.

**Engineering controls**                Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.

**PPE**

**Eye / Face**                              Wear dust-proof goggles.

**Hands**                                      Wear PVC or rubber gloves.

**Body**                                        When using large quantities or where heavy contamination is likely, wear coveralls.

**Respiratory**                              Where an inhalation risk exists, wear a Class P1 (Particulate) respirator. At high dust levels, wear a Powered Air Purifying Respirator (PAPR) with Class P3 (Particulate) filter or a Full-face Class P3 (Particulate) respirator.



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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance	OFF WHITE FLOCKY POWDER
Odour	SLIGHT ODOUR
Flammability	NON FLAMMABLE
Flash point	NOT RELEVANT
Boiling point	NOT AVAILABLE
Melting point	NOT AVAILABLE
Evaporation rate	NOT AVAILABLE
pH	8.0 to 8.5 (when taken into an aqueous solution)
Vapour density	NOT AVAILABLE
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
Density	310 kg/m <sup>3</sup> (Nominal)

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**10. STABILITY AND REACTIVITY**

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Chemical stability	Stable under recommended conditions of storage.
Conditions to avoid	Avoid contact with incompatible substances.
Material to avoid	Incompatible with acids (eg. nitric acid).
Hazardous Decomposition Products	May evolve toxic gases if heated to decomposition.
Hazardous Reactions	Polymerization is not expected to occur.

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**11. TOXICOLOGICAL INFORMATION**

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Health Hazard Summary	Low toxicity. Under normal conditions of use, adverse health effects are not anticipated. Adverse health effects associated with silica, such as the development of silicosis (lung fibrosis) are not anticipated unless chronic (ie. prolonged and repeated) exposure to silica quartz dust occurs. Crystalline silica is classified as carcinogenic to humans (IARC Group 1). As for all products containing quartz, such as concrete and clay, this product will also release dust containing quartz particles when it is mechanically machined (cutting, sanding, drilling). Inhalation of high concentrations of dust can irritate the respiratory system. Dust can also irritate the eyes and/or the skin. The inhalation of quartz containing dust, in particular high concentration of fine (respirable) dust or over a prolonged period of time can lead to lung disease (silicosis) and an increased risk of lung cancer. Avoid the inhalation of dust by using machinery with dust extraction. Guarantee adequate ventilation on the work floor. Avoid contact with the eyes and skin and avoid inhalation of the dust by wearing appropriate personal protection gear (safety goggles, protective clothing and dust mask).
Eye	Low to moderate irritant. Contact may result in irritation, lacrimation, pain and redness.
Inhalation	Irritant. Over exposure may result in irritation of the nose and throat, with coughing. Chronic exposure to respirable silica may result in pulmonary fibrosis (silicosis). Crystalline silica is classified as carcinogenic to humans (IARC Group 1).
Skin	Low irritant. Prolonged or repeated exposure to dust may result in irritation and dermatitis.
Ingestion	Low toxicity. Ingestion may result in gastrointestinal irritation, nausea and vomiting. However, due to product form ingestion is considered unlikely.
Toxicity data	QUARTZ (SILICA CRYSTALLINE) (14808-60-7) LCLo (inhalation) 300 ug/m <sup>3</sup> /10 years (human) TCLo (inhalation) 16 000 000 particles/ft <sup>3</sup> /8 hours/17.9 years (human-fibrosis)

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**12. ECOLOGICAL INFORMATION**

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Toxicity	This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities.
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**Product Name**      **PROMASPRAY P300**

**Persistence and degradability**    Not applicable.  
**Bioaccumulative potential**        Not anticipated to bioaccumulate.  
**Mobility in soil**                    This product has low mobility in soil.  
**Other adverse effects**                No information provided.

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### 13. DISPOSAL CONSIDERATIONS

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**Waste disposal**                      Ensure product is covered with moist soil to prevent dust generation and dispose of to approved Council landfill. Contact the manufacturer if additional information is required.  
**Legislation**                            Dispose of in accordance with relevant local legislation.

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### 14. TRANSPORT INFORMATION

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**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

	<b>LAND TRANSPORT (ADG)</b>	<b>SEA TRANSPORT (IMDG / IMO)</b>	<b>AIR TRANSPORT (IATA / ICAO)</b>
<b>UN number</b>	None Allocated	None Allocated	None Allocated
<b>Proper shipping name</b>	None Allocated	None Allocated	None Allocated
<b>DG class/ Division</b>	None Allocated	None Allocated	None Allocated
<b>Subsidiary risk(s)</b>	None Allocated	None Allocated	None Allocated
<b>Packing group</b>	None Allocated	None Allocated	None Allocated
<b>Hazchem code</b>	None Allocated		

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### 15. REGULATORY INFORMATION

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**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.

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### 16. OTHER INFORMATION

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**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.

**Product Name**      **PROMASPRAY P300**

<b>Abbreviations</b>	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 <sup>3</sup>	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

**Revision history**

Revision	Description
1.0	Initial SDS Creation
0.1	Standard SDS Review

**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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**End of SDS**