



Material Safety Data Sheet



Boral Australian Gypsum Limited
A.C.N. 004 231 976
676 Lorimer Street,
Port Melbourne, Vic. 3207
Telephone (03) 9214 2138
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Product Name **IMPACTSTOP BOARD**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name BORAL AUSTRALIAN GYPSUM LIMITED
Address 676 Lorimer Street, Port Melbourne, Victoria, AUSTRALIA, 3207
Telephone (03) 9214 2138
Fax (03) 9646 1912
Emergency 1800 033 111
Synonym(s) BORAL IMPACTSTOP BOARD

Use(s) IMPACT RESISTANT PLASTERBOARD
MSDS Date 01 May 2008

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO ASCC CRITERIA

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

UN No. None Allocated **DG Class** None Allocated **Subsidiary Risk(s)** None Allocated
Packing Group None Allocated **Hazchem Code** None Allocated **EPG** None Allocated

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS No.	Content
PARAFFIN WAX	Not Available	8002-74-2	<10%
SILICA, CRYSTALLINE - QUARTZ	Si-O ₂	14808-60-7	Not Available
GYPSUM	Ca-S-O ₄ -2(H ₂ O)	13397-24-5	>85%
CELLULOSE	Not Available	9004-34-6	<15%
VERMICULITE	Not Available	1318-00-9	<10%
GLASS FIBRE	Not Available	Not Available	<1%
CALCIUM NAPHTHALENE SULPHONATE - FORMALDEHYDE CONDENSATE	Not Available	37293-74-6	<0.1%
ALKYL ETHER SULPHATE	Not Available	Not Available	Not Available
STARCH	Not Available	9005-25-8	Not Available

4. FIRST AID MEASURES

Eye If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek medical attention if irritation develops.

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.

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	Prevent contamination of drains or waterways.
Hazchem Code	None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage	Spillage is considered unlikely.
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7. STORAGE AND HANDLING

Storage	Store plasterboard flat in cool, dry area.
Handling	Before use carefully read the product label.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Stds	Ingredient	Reference	TWA		STEL	
			ppm	mg/m3	ppm	mg/m3
	Cellulose (paper fibre) (a)	ASCC (AUS)	--	10	--	--
	Gypsum (Calcium sulphate)	ASCC (AUS)	--	10	--	--
	Paraffin wax (fume)	ASCC (AUS)	--	2	--	--
	Silica, Crystalline Quartz	ASCC (AUS)	--	0.1	--	--
	Starch (a)	ASCC (AUS)	--	10	--	--

VERMICULITE

ES-TWA: 2.5 mg/m3 Inspirable (Proposed)

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	Wear dust-proof goggles. Wear gloves.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	PAPER COVERED BOARD WITH WHITE CORE	Solubility (Water)	INSOLUBLE
Odour	LOW ODOUR	Specific Gravity	NOT AVAILABLE
pH	NOT AVAILABLE	% Volatiles	NOT AVAILABLE
Vapour Pressure	NOT AVAILABLE	Flammability	NON FLAMMABLE
Vapour Density	NOT AVAILABLE	Flash Point	NOT RELEVANT
Boiling Point	NOT AVAILABLE	Upper Explosion Limit	NOT RELEVANT
Melting Point	NOT AVAILABLE	Lower Explosion Limit	NOT RELEVANT
Evaporation Rate	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	
Hazardous Reactions	Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	Low toxicity. Under normal conditions of use this product is not anticipated to present a hazard unless it is drilled or cut with dust generation. Use safe work practices to avoid dust generation and inhalation. Crystalline silica is classified as carcinogenic to humans (IARC Group 1). Chronic exposure to crystalline silica may cause lung fibrosis (silicosis), however due to the low levels of crystalline silica in this product, chronic health effects are not anticipated with normal use.
Eye	Due to product form and nature of use, an eye hazard is not anticipated. Product may only present a hazard if dust is generated. Contact may result in mechanical irritation.
Inhalation	Exposure considered unlikely. An inhalation hazard is not anticipated unless cut, drilled or sanded with dust generation, which may result in irritation of the nose and throat.
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	PARAFFIN WAX (8002-74-2) TDLo (Subcutaneous): 120 mg/kg (rat) SILICA, CRYSTALLINE - QUARTZ (14808-60-7) LCLo (Inhalation): 300 ug/m3/10 years (human) LDLo (Intratracheal): 200 mg/kg (rat) LDLo (Intravenous): 20 mg/kg (dog) TCLo (Inhalation): 16 000 000 particles/ft3/8 hours/17.9 years (human-fibrosis) GYPSUM (13397-24-5) TCLo (Inhalation): 194 g/m3/10 years intermittently (human) TDLo (Ingestion): 450 mg/kg/3 weeks intermittently (rat) CELLULOSE (9004-34-6) LC50 (Inhalation): > 5800 mg/m3/4 hours (rat) LD50 (Ingestion): > 5000 mg/kg (rat) LD50 (Intraperitoneal): > 31600 mg/kg (rat) LD50 (Skin): > 2000 mg/kg (rabbit)

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.
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13. DISPOSAL CONSIDERATIONS

Waste Disposal	No special precautions are required for the disposal of this product.
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

Shipping Name	None Allocated			
UN No.	None Allocated	DG Class	None Allocated	Subsidiary Risk(s) None Allocated
Packing Group	None Allocated	Hazchem Code	None Allocated	EPG 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).
AICS	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

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.

ABBREVIATIONS:

ADB - Air-Dry Basis.

BEI - Biological Exposure Indice(s)

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

CNS - Central Nervous System.

EINECS - European INventory of Existing Commercial chemical Substances.

IARC - International Agency for Research on Cancer.

M - moles per litre, a unit of concentration.

mg/m3 - Milligrams per cubic metre.

NOS - Not Otherwise Specified.

NTP - National Toxicology Program.

OSHA - Occupational Safety and Health Administration.

pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

ppm - Parts Per Million.

RTECS - Registry of Toxic Effects of Chemical Substances.

TWA/ES - Time Weighted Average or Exposure Standard.

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.

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.

Report Status

This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Material Safety Data Sheet ('MSDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer 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.

While RMT has taken all due care to include accurate and up-to-date information in this MSDS, 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 MSDS.

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End of Report