

INEX BOARDS SAFETY DATA SHEET

1 Identification of the material and supplier

1.1 Product identifier

Product name	INEX BOARD
Other Names:	Fibre Reinforced Engineered Cementitious Composite
Manufacturer's code	Non allocated
UN number	None allocated
Dangerous goods class and subsidiary risk	None allocated
Hazchem code	None allocated
Poisons schedule	Not scheduled

1.2 Uses and uses advised against

Use/s	Flooring, decking, facading, lining, fencing, partitioning, cladding
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1.3 Details of the supplier/manufacturer of the product

Supplier name	BRICKWORKS BUILDING PRODUCTS PTY LTD
Address	62 Belmore Road, Punchbowl NSW 2196 Australia
Telephone	13 726 357
Fax	
Website	brickworksbuildingproducts.com.au

1.4 Emergency telephone number/s

Emergency	(02) 9830 7700
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2 Hazard identification

CLASSIFIED NOT DANGEROUS GOODS AUSTRALIAN WHS REGULATIONS

The physical form in which panel products are supplied, pose little or no risk to human health. However, risks to human health may arise when the products are reworked liberating dust (which includes a hazardous substance, crystalline silica) in a form which is respirable.

2.1 Label elements

Signal word WARNING

Pictogram/s



Hazard category 4

Hazard statement/s

H332 Harmful if inhaled

Prevention statement/s

P261 Avoid breathing dust

P271 Cut or grind outdoors or in a well ventilated area.

Response statement/s

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTRE or doctor

Disposal statement/s

P501 Dispose of Inex Boards in accordance with relevant regulations.

2.2 Other hazards

No information provided.

3 Composition / information on ingredients

3.1 Substances / Mixtures

Ingredient	FORMULA	CAS NO.	CONTENT
Aluminium Silicate	AlSiO ₂	68131-74-8	<30%
Magnesium Oxide	MgO	1309-48-4	<30%

Magnesium Chloride	MgCl ₂	7791-16-6	<20%
Cellulose Wood Fibre	C	Not Available	<20%
Fibreglass	SiO ₂ <10%	Not Available	<10%
Other	Confidential	Not Available	Not Available

4 *First aid measures*

4.1 Description of first aid measures

Eyes	If in eyes, rinse immediately with water while holding the eyelids open. Seek medical assistance if irritation persists.
Inhalation	If irritation occurs, remove source of contamination or move victim to fresh air. Seek immediate medical assistance.
Skin	If skin or hair contact occurs, remove contaminated clothing and wash gently and thoroughly with soap and water.
Ingestion	If swallowed immediately wash mouth with water and give plenty of water or milk to drink.
Advice to Doctor	Treat symptomatically
First Aid Facilities	Eye wash facilities and safety shower should be available

5 *Fire fighting measures*

5.1 Flammability

Non flammable. May evolve toxic gases if strongly heated.

5.2 Fire and Explosion

No fire or explosion hazard

5.3 Extinguishing

Prevent contamination of drains or waterways

5.4 Hazchem Code

Non allocated

6 *Accidental release measures*

Spillage

Contact emergency services where appropriate.

Collect and place in suitable containers for reuse, treatment and/or disposal. Avoid generating dust.

7 Handling and storage

7.1 Storage

Store in a cool, dry, well-ventilated area, removed from acids, alkalis, heat or ignition sources and foodstuffs.

7.2 Handling

Before use carefully read the product label. Use safe work practices when handling.

Observe good personal hygiene, including washing hands before eating.

Eating, drinking or smoking in storage areas is not advisable.

8 Exposure controls / personal protection

8.1 Control parameters

Caution exposure control applies to dust created from cutting, grinding or drilling

8.2 Exposure controls

Exposure Standards Exposure to dusts should be maintained below 10 mg/m³, measured as inhalable dust (8 hour TWA)

Biological Limits No biological limit allowed

Engineering Control 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 In the event dust may be produced, wear dust-proof goggles for eye protection. Wear heavy-weight gloves to protect your hands during handling of heavy product. Where an inhalation risk occurs wear a class P1 or P2 (Particulate) mask.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Off White/Grey Cement	Solubility (Water)	Insoluble
Odour	No odour	Specific gravity	<1.5
pH	Not available	% volatiles	None
Vapour Pressure	Not relevant	Flammability	Non flammable
Vapour Density	Not available	Flash Point	Not relevant

Boiling Point	Not available	Upper explosion limit	Not relevant
Melting Point	>1600° C	Lower explosion limit	Not relevant
Evaporation Rate	Not relevant		

10 Stability and reactivity

10.1 Chemical stability

Stable under recommended conditions of storage

10.2 Conditions to avoid

No relevant information

10.3 Material to avoid

Incompatible with strong alkali or acids (e.g sodium hydroxide, sulphuric acid)

10.4 Decomposition

May evolve toxic gases if heated to decomposition

10.5 Hazardous reactions

Polymerization is not expected to occur

11 Toxicological information

11.1 Information on toxicological effects

HEALTH HAZARD	If dust is created from this product it can become an irritant. Use the vacuum extraction when cutting and grinding
SUMMARY	Use safe work practices to avoid eye or skin contact and inhalation.
Eye Irritant	Contact may result in irritation, lacrimation, pain, redness and conjunctivitis.
Inhalation	Highly chronic toxicity – irritant. Over-exposure to dust may cause mucous membrane irritation of the respiratory tract with inflammation with breathing difficulties. An inhalation hazard is not anticipated with normal use.
Skin Irritant	Contact may result in irritation, redness, pain, rash
Ingestion	Low to moderate toxicity. Ingestion may result in gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhoea
Toxicity	No data available

12 Ecological information

12.1 Ecotoxicity

Nil

12.2 Degradability

Nil

12.3 Bioaccumulative potential

Nil

12.4 Mobility in soil

Nil

13 Disposal considerations

13.1 Waste treatment methods

Waste disposal Suitable for disposal in landfill sites. If particulate <100um covered with moist soil to prevent dust generation.

Legislation Dispose of in accordance with relevant local legislation

14 Transport information

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

	Land Transport (ADG)	Sea Transport (IMDG / IMO)	Air Transport (IATA / ICAO)

14.1 UN Number	None Allocated	None Allocated	None Allocated
14.2 Packing group	None Allocated	None Allocated	None Allocated
14.3 DG class	Not Dangerous Goods	Not Dangerous Goods	Not Dangerous Goods
14.4 Subsidiary risk(s)	None Allocated	None Allocated	None Allocated
14.5 Hazchem code	None Allocated	None Allocated	None Allocated
14.6 EPG	Not Schedule	Not Scheduled	Not Scheduled

15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

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).
Classifications	Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals. The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(2004)].
Hazard codes	
Xi	Irritant
Xn	Harmful
Risk phrases	
R36/37/38	Irritating to eyes, respiratory system and skin
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
Safety phrases	
S22	Do not breathe dust
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
Inventory listing/s	AUSTRALIA: AICS (Australian Inventory of Chemical Substances) All components are listed on AICS, or are exempt.

15.2 This product is not subject to:

Poison schedule	Montreal Protocol
	Stockholm Convention
	Rotterdam Convention
	Basle Convention
	International Convention for the Prevention of Pollution from Ships

16 Other information

Additional information

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 effect from exposure to this product will depend of 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.	European Community Number
EMS	Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)
GHS	Globally Harmonized System

	GTEPG	Group Text Emergency Procedure Guide
	IARC	International Agency for Research on Cancer
	LC ₅₀	Lethal Concentration, 50% / Median Lethal Concentration
	LD ₅₀	Lethal Dose, 50% / Median Lethal Dose
Abbreviations	mg/m ³	Milligrams per Cubic Metre
	OEL	Occupational Exposure Limit
	pH	Relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline)
	ppm	Parts Per Million
	STEL	Short-Term Exposure Limit
	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
	SWA	Safe Work Australia TLV Threshold Limit Value
	TWA	Time Weighted Average

INEX>BOARDS[™]

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