

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product identifier

Product Name(s)	INEX > BOARDS		
Other means of identification	Magnesium Oxychloride Cement (Mg ₃ (OH) ₅ .Cl.4H ₂ O)		
Other Name(s)	INEX > FLOOR INEX > EXPRESS INEX > WEATHERBOARD	INEX > DECKING INEX > WALLBOARD	INEX > MAXIDECK INEX > RENDERBOARD
Synonym(s):	Fibre Reinforced Engineered Cementitious Composite • Cement Board Paneling		

1.2 Uses and uses advised against

Use(s):	FLOORING • DECKING • FACADING • LINING • FENCING • PARTITIONING • CLADDING • BUILDING APPLICATIONS • FIRE PROTECTION
----------------	--

1.3 Details of the supplier of the product

Manufacturer/Supplier:	UBIQ Pty Limited
Address:	10/46-48 Buffalo Road, Gladesville, NSW 2111 AUSTRALIA
Telephone:	02 9519 4460
Email:	info@ubiq.com.au
Website:	www.ubiq.com.au

1.4 Emergency telephone number:

Australia:	02 9519 4460
New Zealand:	+61 2 9519 4460

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classified as	Non-Hazardous according to Safe Work Australia Criteria
GHS classification(s)	Acute toxicity-oral: Category 5 Acute toxicity-dermal: Category 5 Acute toxicity-inhalation: Category 5

2.2 Label elements

Signal Word	WARNING	
Pictogram(s)	Not allocated	
Hazard statement(s)	H303 H313 H333	Maybe harmful if swallowed Maybe harmful if contact with skin Maybe harmful if inhaled
Prevention statement(s)	P264	Wash...thoroughly after handling.
Response	P304 + P312	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
Disposal	See Section 13	

SAFETY DATA SHEET

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances / Mixtures

Ingredient	Formula	CAS No.	EC No.	Content
Aluminum Silicate	AlSiO ₂	68131-74-8	268-627-4	<30%
Magnesium Oxide	MgO	1309-48-4	215-171-9	<30%
Magnesium Chloride	MgCl ₂	7791-18-6	232-094-6	<20%
Cellulose (from wood pulp)	C	Not Available	Not Available	<20%
Fiberglass	SiO ₂	Not Available	Not Available	<10%
Other non-hazardous ingredients (fillers and binders)	Confidential	Not Available	Not Available	<5%

SECTION 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. Do not induce vomiting. Seek immediate medical assistance or contact a Poisons Information Centre on 13 11 26 (Australia Wide).
First aid facilities:	Eye wash facilities and safety shower should be provided.

4.2 Most important symptoms and effects, both acute and delayed

See Section 11 for more detailed information on health effects and symptoms.

4.3 Immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Non flammable. Use an extinguishing agent suitable for the surrounding fire.

5.2 Special hazards arising from the substance or mixture

Non flammable.

5.3 Advice for firefighters

Non flammable. No fire or explosion hazard exists.

5.4 Hazchem code

None allocated.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Contact emergency services where appropriate.

SAFETY DATA SHEET

6.2 Environmental precautions

Prevent product from entering drains and waterways. Collect and place in suitable containers for reuse, treatment and/or disposal. Avoid dust generation.

6.3 Methods of cleaning up

Do not wash material down stormwater drains. Use appropriate vacuum to clean the dust from installation process.

6.4 Reference to other sections

See Sections 8 and 13 for exposure controls and disposal.

SECTION 7. STORAGE AND HANDLING

7.1 Precautions for safe 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. **Heavy items - follow OHS procedure.**

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area, keep away from incompatible substances and foodstuffs.

7.3 Specific end use(s)

No information available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure Standards

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

8.2 Biological Limits

No biological limit allocated.

8.3 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. Use mechanical lifting aids or follow OHS procedure for handling heavy items.

8.4 PPE

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	OFF WHITE/GREY CEMENT PANEL	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		

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Carefully review all information provided in sections 10.2 to 10.6.

SAFETY DATA SHEET

10.2 Chemical stability

Stable under recommended conditions of storage.

10.3 Possibility of hazardous reactions

Polymerization is not expected to occur.

10.4 Conditions to avoid

No relevant information available.

10.5 Incompatible materials

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

10.6 Hazardous decomposition products

May evolve toxic gases if heated to decomposition (>1600° C).

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity

Eyes:	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:	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

SECTION 12. ECOLOGICAL INFORMATION

12.1 Eco toxicity

The main components of this product are not anticipated to cause any adverse effects to plants or animals.

12.2 Persistence and degradability

No information available

12.3 Bioaccumulative potential

There is no evidence to suggest bioaccumulation will occur.

12.4 Mobility in soil

No information available

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Disposal containers and methods

Dispose of products in accordance with local/regional/national/international regulations.

13.2 Physical/chemical properties that may affect disposal options

No information available

13.3 Effects of sewage disposal

No information available

13.4 Special precautions for incineration or landfill

If particulate <100um, covered with moist soil to prevent dust generation

SAFETY DATA SHEET

SECTION 14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA

	Land Transport (ADG)	Sea Transport (IMDG / IMO)	Air Transport (IATA / ICAO)
UN number	None allocated	None allocated	None allocated
Proper shipping name or technical name	None allocated	None allocated	None allocated
Transport hazard class	None allocated	None allocated	None allocated
Packing group number	None allocated	None allocated	None allocated
Environmental hazards for transport purposes	No information available	No information available	No information available
Special precautions for user	None	None	None
Additional information	None	None	None
Hazchem or emergency action code	None allocated	None allocated	None allocated

SECTION 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 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:
None allocated

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 no breath dust
S24/25 Avoid contact with skin and eyes
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

Inventory listing/s All chemical components are listed on AICS (Australian Inventory of Chemical Substances)

SECTION 16. OTHER INFORMATION

Prepared by : UBIQ Pty Ltd
SDS Date: 1 JUNE 2014
Reviewed: October 2018

Australian Standards References:

AS/NZS 1336	Recommended Practices for Occupational Eye Protection
AS/NZS 1715	Selection, Use and Maintenance of Respiratory Protective Devices
AS/NZS 1716	Respiratory Protective Devices
AS 2161	Industrial Safety Gloves and Mittens (excluding electrical and medical gloves)

SAFETY DATA SHEET

Abbreviations

WHS	Workplace Health and Safety
OHS	Occupational Health and Safety
ADG Code	Australian Code for the Transport of Dangerous Goods by Road & Rail
WES	Workplace Exposure Standards For Airborne Contaminants
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
HCIS	Hazardous Chemical Information System (HCIS), Internet advisory service, Safe Work Australia.
CAS	Chemical Abstracts Service (division of the American Chemical Society)
TWA	Time Weighted Average
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
SWA	Safe Work Australia
AICS	Australian Inventory of Chemical Substances

DISCLAIMER OF LIABILITY

The information in this MSDS/SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

This MSDS/SDS was prepared in accordance with the criteria outlined by Safe Work Australia, and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may not be applicable.

This document is prepared in accordance with GHS classification: "Code of Practice - Preparation of Safety Data Sheets for Hazardous Chemicals, Safe Work Australia. Version dated Aug 2018"