

# GTEK™ BARRIER - GYPSUM BOARD

Safety Data Sheet

## 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME	GTEK BARRIER
SYNONYMS	GYPSUM BOARD
USE(S)	PLASTERBOARD, WALL AND CEILING COATING, WALL CLADDING To be used in high traffic and wet areas
SUPPLIER NAME	BGC PLASTERBOARD PTY LTD
ADDRESS	290 Bushmead Road, Hazelmere, WA, 6055, AUSTRALIA
TELEPHONE	(08) 9374 2900
FAX	(08) 9374 2901
WEBSITE	www.gtekplasterboard.com.au
EMERGENCY	13 11 26 (Poison Information Centre)
SDS date	15 January 2018

## 2 – HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

GHS LABEL ELEMENTS	No signal word, pictograms, hazard or precautionary statements have been allocated.
OTHER HAZARDS	No information provided

## 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	EC NUMBER	CONTENT
CELLULOSE	9004-34-6	232-674-9	4 to 6%
PARAFFIN WAX	8002-74-2	232-315-6	0 to 3%
STARCH	9005-25-8	232-679-6	0 to 1%
GLASS, OXIDE	65997-17-3	266-046-0	0 to 0.4%
BORIC ACID	10043-35-3	233-139-2	0 to 0.2%
QUARTZ (CRYSTALLINE SILICA)	14808-60-7	238-878-4	0 to 0.1%
CALCIUM SULPHATE DIHYDRATE	10101-41-4	600-148-1	>95%
CLAY	-	-	0 to 8%
VERMICULITE	1318-00-9	603-518-0	0 to 3%
FIBREGLASS	-	-	0 to 0.4%
LINER	-	-	Not Available

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## 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	Exposure is considered unlikely. Skin irritation is not anticipated.
INGESTION	For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). Due to product form and application, ingestion is considered unlikely.
FIRST AID FACILITIES	Eye wash facilities and safety shower should be available.
SYMPTOMS AND EFFECTS	See Section 11 for more detailed information on health effects and symptoms.
IMMEDIATE MEDICAL ATTENTION	Treat symptomatically.

## 5 – FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Use an extinguishing agent suitable for the surrounding fire.
SPECIAL HAZARDS ARISING FROM THE SUBSTANCE/MIXTURE	Non flammable. May evolve toxic gases if strongly heated.
ADVICE FOR FIREFIGHTERS	No fire or explosion hazard exists.
HAZCHEM CODE	None Allocated.

## 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Wear Personal Protective Equipment (PPE) as detailed in Section 8 of this SDS.
ENVIRONMENTAL PRECAUTIONS	Prevent product from entering drains and waterways.
METHODS OF CLEANING UP	If spilt, collect and reuse where possible.
REFERENCES	See Sections 8 and 13 for exposure controls and disposal.

## 7 – STORAGE AND HANDLING

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.
STORAGE	Store in a cool, dry area.
SPECIFIC END USES	No information provided.

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## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENT	REFERENCE	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
CELLULOSE (PAPER FIBRE) (A)	SWA (AUS)	--	10	--	--
NON-RESPIRABLE FIBRES, INSPIRABLE DUST	SWA (AUS)	--	2	--	--
NUISANCE DUST	SWA (AUS)	--	10	--	--
PARAFFIN WAX (FUME)	SWA (AUS)	--	2	--	--
QUARTZ (RESPIRABLE DUST)	SWA (AUS)	--	0.1	--	--
STARCH (A)	SWA (AUS)	--	10	--	--
SYNTHETIC MINERAL FIBRES (SMF)	SWA (AUS)	--	0.5 f/ml	--	--
SYNTHETIC MINERAL FIBRES, RESPIRABLE FIBRES	SWA (AUS)	--	0.5 f/ml	--	--
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.				
<b>PPE</b>					
EYE / FACE	Wear dust-proof goggles.				
HANDS	Wear rubber or PVA gloves.				
BODY	If cutting or sanding with potential for dust generation, wear coveralls.				
RESPIRATORY	If cutting or sanding with potential for dust generation, wear a Class P1 (Particulate) respirator.				

## 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid Sheet	ODOUR	Slight Plaster Odour
FLAMMABILITY	Non Flammable	FLASH POINT	Not Relevant
BOILING POINT	Not Available	MELTING POINT	1450°C (Calcium sulphate)
EVAPORATION RATE	Not Available	pH	Not Available
VAPOUR DENSITY	Not Available	SPECIFIC GRAVITY	2.3 (Approximately)
SOLUBILITY (WATER)	Not Available	VAPOUR PRESSURE	Not Available
UPPER EXPLOSION LIMIT	Not Relevant	LOWER EXPLOSION LIMIT	Not Relevant
PARTITION COEFFICIENT	Not Available	AUTOIGNITION TEMP	Not Available
DECOMPOSITION TEMP.	Not Available	VISCOSITY	Not Available
EXPLOSIVE PROPERTIES	Not Available	OXIDISING PROPERTIES	Not Available
ODOUR THRESHOLD	Not Available		

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## 10 – STABILITY AND REACTIVITY

REACTIVITY	Carefully review all information provided in section 10.
CHEMICAL STABILITY	Stable under recommended conditions of storage.
HAZARDOUS REACTIONS	Polymerization will not occur.
CONDITIONS TO AVOID	Avoid heat, sparks, open flames and other ignition sources.
INCOMPATIBLE MATERIALS	Compatible with most commonly used materials.
HAZARDOUS DECOMPOSITION PRODUCTS	May evolve toxic gases if heated to decomposition.

## 11 – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	This product is expected to be of low toxicity. Based on available data, the classification criteria are not met.
SKIN	Mechanical irritant. Prolonged or repeated contact may result in mild irritation due to mechanical action.
EYE	Due to product form and nature of use, the potential for exposure is reduced. Product may only present a hazard if dust is generated. Contact may result in mechanical irritation.
SENSITISATION	Not classified as causing skin or respiratory sensitisation.
MUTAGENICITY	Not classified as a mutagen.
CARCINOGENICITY	Not classified as a carcinogen.
REPRODUCTIVE	Not classified as a reproductive toxin.
STOT - SINGLE EXPOSURE	Not classified as causing organ damage from single exposure. An inhalation hazard is not anticipated unless cut, drilled or sanded with dust generation, which may result in irritation of the nose and throat.
STOT - REPEATED EXPOSURE	Not classified as causing organ damage from repeated exposure.
ASPIRATION	Not classified as causing aspiration.
INFORMATION AVAILABLE FOR THE INGREDIENTS:	<p>CELLULOSE            LC50 (inhalation) &gt; 5800 mg/m<sup>3</sup>/4 hours (rat)            LD50 (ingestion) &gt; 5000 mg/kg (rat)            LD50 (skin) &gt; 2000 mg/kg (rabbit)</p> <p>BORIC ACID            LD50 (ingestion) 2660 mg/kg (rat)</p> <p>CALCIUM SULPHATE DIHYDRATE            LD50 (ingestion) 3000 mg/kg (rat)</p>

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## 12 – ECOLOGICAL INFORMATION

TOXICITY	No information provided.
PERSISTENCE AND DEGRADABILITY	No information provided.
BIOACCUMULATIVE POTENTIAL	No information provided.
MOBILITY IN SOIL	No information provided.
OTHER ADVERSE EFFECTS	No information provided.

## 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Reuse where possible or return to manufacturer (the manufacturer may have a method/solution for neutralisation available). Alternatively, absorb with sand or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information (if required).
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, 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	None Allocated	None Allocated	None Allocated
TRANSPORT HAZARD CLASS	None Allocated	None Allocated	None Allocated
PACKING GROUP	None Allocated	None Allocated	None Allocated
ENVIRONMENTAL HAZARDS	No information provided		
HAZCHEM CODE	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 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	None allocated.
SAFETY PHRASES	None allocated.
INVENTORY LISTING(S)	<b>AUSTRALIA: AICS (Australian Inventory of Chemical Substances)</b> All components are listed on AICS, or are exempt.

## 16 – OTHER INFORMATION

ADDITIONAL INFORMATION	<b>PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:</b> The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as form of product, 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.
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## 16 – OTHER INFORMATION cont.

ADDITIONAL INFORMATION	<p><b>HEALTH EFFECTS FROM EXPOSURE:</b> It should be noted that the effects from exposure to this product will depend on several factors including: form of product; 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 report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.</p>																																										
ABBREVIATIONS	<table border="0"> <tr> <td>ACGIH</td> <td>American Conference of Governmental Industrial Hygienists</td> </tr> <tr> <td>CAS #</td> <td>Chemical Abstract Service number - used to uniquely identify chemical compounds</td> </tr> <tr> <td>CNS</td> <td>Central Nervous System</td> </tr> <tr> <td>EC No.</td> <td>EC No. - European Community Number</td> </tr> <tr> <td>EMS</td> <td>Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)</td> </tr> <tr> <td>GHS</td> <td>Globally Harmonized System</td> </tr> <tr> <td>GTEPG</td> <td>Group Text Emergency Procedure Guide</td> </tr> <tr> <td>IARC</td> <td>International Agency for Research on Cancer</td> </tr> <tr> <td>LC50</td> <td>Lethal Concentration, 50% / Median Lethal Concentration</td> </tr> <tr> <td>LD50</td> <td>Lethal Dose, 50% / Median Lethal Dose</td> </tr> <tr> <td>mg/m<sup>3</sup></td> <td>Milligrams per Cubic Metre</td> </tr> <tr> <td>OEL</td> <td>Occupational Exposure Limit</td> </tr> <tr> <td>pH</td> <td>Relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).</td> </tr> <tr> <td>ppm</td> <td>Parts Per Million</td> </tr> <tr> <td>STEL</td> <td>Short-Term Exposure Limit</td> </tr> <tr> <td>STOT-RE</td> <td>Specific target organ toxicity (repeated exposure)</td> </tr> <tr> <td>STOT-SE</td> <td>Specific target organ toxicity (single exposure)</td> </tr> <tr> <td>SUSMP</td> <td>Standard for the Uniform Scheduling of Medicines and Poisons</td> </tr> <tr> <td>SWA</td> <td>Safe Work Australia</td> </tr> <tr> <td>TLV</td> <td>Threshold Limit Value</td> </tr> <tr> <td>TWA</td> <td>Time Weighted Average</td> </tr> </table>	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	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	LC50	Lethal Concentration, 50% / Median Lethal Concentration	LD50	Lethal Dose, 50% / Median Lethal Dose	mg/m <sup>3</sup>	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
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REPORT STATUS	<p>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').</p> <p>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.</p> <p>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.</p>																																										
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