



## SAFETY DATA SHEET

**Product Name** BGC PLASTERBOARD, BGC CEILINGBOARD, BGC COVE CORNICE, BGC WATER-RESISTANT PLASTERBOARD, BGC FIRE-RESISTANT PLASTERBOARD  
BGC IMPACTBOARD

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Supplier name** BGC PLASTERBOARD PTY LTD  
**Address** 290 Bushmead Road, Hazelmere, WA, 6055, AUSTRALIA  
**Telephone** (08) 9374 2900  
**Fax** (08) 9374 2901  
**Emergency** 13 11 26 (Poison Information Centre)  
**Synonym(s)** BGC CURVEBOARD • BGC DECORATIVE CORNICE • BGC ENVIROBOARD • BGC FIRE-RESISTANT PLASTERBOARD • BGC IMPACTBOARD • BGC MOISTURE RESISTANT FLAMEBOARD • BGC SOUNDBOARD • BGC WATER-RESISTANT PLASTERBOARD • BGC WET AREA FIREBOARD  
**Use(s)** CORNICE • PLASTER BOARD • WALL AND CEILING COATING • WALL CLADDING  
**SDS date** 23 July 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

<b>UN number</b>	None Allocated	<b>DG class</b>	None Allocated
<b>Packing group</b>	None Allocated	<b>Subsidiary risk(s)</b>	None Allocated
<b>Hazchem code</b>	None Allocated		

### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Identification	Classification	Content
PARAFFIN WAX	CAS: 8002-74-2 EC: 232-315-6	Not Available	0 to 3%
BORIC ACID	CAS: 10043-35-3 EC: 233-139-2	Repr.;R60 Repr.;R61	0 to 0.2%
QUARTZ (SILICA CRYSTALLINE)	CAS: 14808-60-7 EC: 238-878-4	Not Available	0 to 0.1%
CALCIUM SULPHATE DIHYDRATE	CAS: 10101-41-4 EC: 600-148-1	Not Available	>95%
CLAY	Not Available	Not Available	0 to 8%
CELLULOSE	CAS: 9004-34-6 EC: 232-674-9	Not Available	4 to 6%
VERMICULITE	CAS: 1318-00-9 EC: 603-518-0	Not Available	0 to 3%
STARCH	CAS: 9005-25-8 EC: 232-679-6	Not Available	0 to 1%

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FIBREGLASS	Not Available	Not Available	0 to 0.4%
GLASS, OXIDE	CAS: 65997-17-3 EC: 266-046-0	Not Available	0 to 0.4%

#### 4. FIRST AID MEASURES

<b>Eye</b>	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.
<b>Inhalation</b>	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
<b>Skin</b>	Exposure is considered unlikely. Skin irritation is not anticipated.
<b>Ingestion</b>	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.
<b>Advice to doctor</b>	Treat symptomatically.
<b>First aid facilities</b>	Eye wash facilities and safety shower should be available.

#### 5. FIRE FIGHTING MEASURES

<b>Flammability</b>	Non flammable. May evolve toxic gases if strongly heated.
<b>Fire and explosion</b>	No fire or explosion hazard exists.
<b>Extinguishing</b>	Use an extinguishing agent suitable for the surrounding fire.
<b>Hazchem code</b>	None Allocated

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Wear Personal Protective Equipment (PPE) as detailed in Section 8 of this SDS.
<b>Environmental precautions</b>	Prevent product from entering drains and waterways.
<b>Methods of cleaning up</b>	If spilt, collect and reuse where possible.
<b>References</b>	See Sections 8 and 13 for exposure controls and disposal.

#### 7. STORAGE AND HANDLING

<b>Storage</b>	Store in a cool, dry area.
<b>Handling</b>	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.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

##### Exposure standards

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	--	--
Non-respirable fibres, inspirable dust	SWA (AUS)	--	2	--	--
Nuisance dust	SWA (AUS)	--	10	--	--
Paraffin wax (fume)	SWA (AUS)	--	2	--	--
Silica, Crystalline Quartz	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	--	--

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**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**                              When using large quantities or where heavy contamination is likely, wear dust-proof goggles.

**Hands**                                      When using large quantities or where heavy contamination is likely, wear rubber or PVA gloves.

**Body**                                        Not required under normal conditions of use.

**Respiratory**                              Where an inhalation risk exists, wear a Class P1 (Particulate) respirator.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**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 temperature**              NOT AVAILABLE

**Decomposition temperature**            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**

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**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**    May evolve toxic gases if heated to decomposition.

**Hazardous Reactions**                        Polymerization will not occur.

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**11. TOXICOLOGICAL INFORMATION**

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**Health Hazard Summary**                Low toxicity - low irritant. This product may present a hazard if boards/panels are sanded, drilled or cut with dust generation. Use safe work practices to avoid dust generation - inhalation. Crystalline silica is classified as carcinogenic to humans (IARC Group 1). Chronic exposure to crystalline silica may result in lung fibrosis (silicosis). However, due to the low levels present, chronic health effects are not anticipated with normal use.

**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.

**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 contact may result in mild irritation due to mechanical action.

**Ingestion**                                        Ingestion is considered unlikely due to product form.

**Toxicity data**                                  PARAFFIN WAX (8002-74-2)  
    TDL<sub>o</sub> (subcutaneous)                      120 mg/kg (rat)

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BORIC ACID (10043-35-3)	
LCLo (inhalation)	28 mg/m <sup>3</sup> /4 hours (rat)
LD50 (ingestion)	2660 mg/kg (rat)
LDLo (ingestion)	200 mg/kg (woman)
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)
CELLULOSE (9004-34-6)	
LC50 (inhalation)	> 5800 mg/m <sup>3</sup> /4 hours (rat)
LD50 (ingestion)	> 5000 mg/kg (rat)
LD50 (intraperitoneal)	> 31600 mg/kg (rat)
LD50 (skin)	> 2000 mg/kg (rabbit)
GLASS, OXIDE (65997-17-3)	
TCLo (inhalation)	5 mg/m <sup>3</sup> /7H/90W (rat)
TDLo (intraperitoneal)	50 mg/kg (rat)

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**12. ECOLOGICAL INFORMATION**

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<b>Toxicity</b>	No information provided.
<b>Persistence and degradability</b>	No information provided.
<b>Bioaccumulative potential</b>	No information provided.
<b>Mobility in soil</b>	No information provided.
<b>Other adverse effects</b>	No information provided.

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**13. DISPOSAL CONSIDERATIONS**

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<b>Waste disposal</b>	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.
<b>Legislation</b>	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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<b>Poison schedule</b>	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).
<b>Inventory Listing(s)</b>	<b>AUSTRALIA: AICS (Australian Inventory of Chemical Substances)</b> All components are listed on AICS, or are exempt.

**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 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.

**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.	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

**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**