

# BGC BACK BLOCKING CEMENT

## MATERIAL SAFETY DATA SHEET

### 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)	BACK BLOCKING CEMENT
USE(S)	PLASTERBOARD BACK BLOCKING CEILING JOINTS
MSDS date	16 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

UN number	None Allocated	DG class	None Allocated
Packing group	None Allocated	Subsidiary risk(s)	None Allocated
Hazchem code	None Allocated		

### 3 // COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	IDENTIFICATION	CLASSIFICATION	CONTENT
CALCIUM HYDROXIDE	CAS: 1305-62-0 EC: 215-137-3	C;R34	0.3 to 0.5%
CALCIUM SULPHATE HEMIHYDRATE	CAS: 10034-76-1 EC: 600-067-1	Not Available	99%
STARCH	Not Available	Not Available	1.2 to 1.4%
CELLULOSE ETHER	Not Available	Not Available	0.45 to 0.55%
PVA	Not Available	Not Available	0.1 to 0.2%
PLASTER RETARDER	Not Available	Not Available	0.035 to 0.045%

### 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	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor. For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once).
INGESTION	If swallowed, do not induce vomiting.
ADVICE TO DOCTOR	Drinking glycerin, gelatin solutions, or large volumes of water may delay the hardening of this product in the stomach. Surgical relief of obstruction, particularly at the phlorus, may be required.
FIRST AID FACILITIES	Eye wash facilities and safety shower should be available.

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### 5 // FIRE FIGHTING MEASURES

FLAMMABILITY	Non flammable. May evolve toxic gases (sulphur oxides) when heated to decomposition.
FIRE AND EXPLOSION	Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.
EXTINGUISHING	Use an extinguishing agent suitable for the surrounding fire.
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	Moisten with water to prevent a dust hazard and place in sealable containers for disposal.
REFERENCES	See Sections 8 and 13 for exposure controls and disposal.

### 7 // STORAGE AND HANDLING

STORAGE	Store in a cool, dry, well ventilated area, removed from incompatible substances and foodstuffs. Ensure containers are tightly sealed, adequately labelled and protected from physical damage.
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.

### 8 // EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENT	REFERENCE	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
CALCIUM HYDROXIDE	SWA (AUS)	--	5	--	--

### 9 // PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	White Powder	ODOUR	Slight Odour
FLAMMABILITY	Non Flammable	FLASH POINT	Not Relevant
BOILING POINT	Not Available	MELTING POINT	Not Available
EVAPORATION RATE	Not Available	pH	Not Available
VAPOUR DENSITY	Not Available	SPECIFIC GRAVITY	Not Available
SOLUBILITY (WATER)	Not Available	VAPOUR PRESSURE	Not Available
UPPER EXPLOSION LIMIT	Not Available	LOWER EXPLOSION LIMIT	Not Available
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	% VOLATILES	Not Available

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### 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	Incompatible with aluminium (when heated), diazomethane, phosphorus (at high temperatures) and oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS	May evolve toxic gases (sulphur oxides) when heated to decomposition.
HAZARDOUS REACTIONS	Polymerization will not occur.

### 11 // TOXICOLOGICAL INFORMATION

HEALTH HAZARD SUMMARY	Low toxicity - irritant. Use safe work practices to avoid eye or skin contact and inhalation. This product is generally considered to be of low toxicity, however over exposure to dust should be avoided.
EYE	Irritant. Contact may result in irritation, lacrimation, pain and redness.
INHALATION	Irritant. Over exposure may result in irritation of the nose and throat, with coughing.
SKIN	Irritant. Contact may result in irritation, redness, pain and rash.
INGESTION	Low toxicity. Ingestion may result in gastrointestinal irritation, nausea, vomiting, headache and diarrhoea.
TOXICITY DATA	<p>CALCIUM HYDROXIDE (1305-62-0) LD50 (ingestion) 7300 mg/kg (mouse)</p> <p>CELLULOSE ETHER LD50 (ingestion) &gt; 5 g/kg LD50 (skin) &gt; 5 g/kg</p>

### 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	The main component/s of this product are not anticipated to cause any adverse effects to plants or animals.

### 13 // DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	Reuse where possible. No special precautions are required for this product.
LEGISLATION	Dispose of in accordance with relevant local legislation.

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### 14 // TRANSPORT INFORMATION

	LAND TRANSPORT (IATA / ICAO)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (ADG)
UN NUMBER	None Allocated	None Allocated	None Allocated
PROPER SHIPPING NAME	None Allocated	None Allocated	None Allocated
DG CLASS/ DIVISION	None Allocated	None Allocated	None Allocated
SUBSIDIARY RISK(S)	None Allocated	None Allocated	None Allocated
PACKING GROUP	None Allocated	None Allocated	None Allocated
HAZCHEM CODE	None Allocated	None Allocated	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).
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	<p><b>EXPOSURE STANDARDS - TIME WEIGHTED AVERAGES:</b> Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).</p> <p><b>PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:</b> 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.</p> <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: 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.</p>																																		
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### 16 // OTHER INFORMATION cont.

REVISION	DESCRIPTION
1.2	Standard SDS Review
1.1	Standard SDS Review
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.

**PREPARED BY**

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**REVISION** 1.2  
**SDS DATE** 16 July 2013

End of SDS