

# GTEK™ ALL PURPOSE LIGHTWEIGHT

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) (New Zealand 0800 764 766)
WEBSITE	gtekplasterboard.com.au
SYNONYMS	LIGHTWEIGHT JOINTING COMPOUND
USE(S)	FINISHING COMPOUND Top Coat used for final coating of joints in interior plasterboard applications.
MSDS date	April 2016

## 2 – HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA.

RISK PHRASES	None Allocated
SAFETY PHRASES	None Allocated

### OTHER HAZARDS

Sanding dried compound may generate dust which is classified as hazardous. Danger or serious health issues if prolonged exposure. The following risk and safety phrases apply to airborne dust of this product.

R21/22 Harmful in contact with skin and if swallowed.  
 R48/20 Danger of serious damage to health by prolonged exposure to dust through inhalation.  
 S22 Do not breathe dust.  
 S24/25 Avoid contact with skin and eyes.

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE.

UN number	None Allocated	Transport Hazard Class	None Allocated
Packing group	None Allocated	Hazchem Code	None Allocated

## 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	EC NUMBER	CONTENT
CALCIUM CARBONATE	--	--	30 to 60%
WATER	7732-18-5	231-791-2	35 to 45%
CLAY	--	--	2 to 6%
BINDER(S)	--	--	1 to 5%
CELLULOSE ETHER	--	--	0.2 to 0.8%
STARCH	--	--	0.2 to 0.6%
PLASTICISER(S)	--	--	0.1 to 0.4%

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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	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.
INGESTION	For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting. Ingestion is considered unlikely due to product form.
ADVICE TO DOCTOR	Treat symptomatically.

## 5 – FIRE FIGHTING MEASURES

FLAMMABILITY	Non flammable. May evolve toxic gases if strongly heated.
FIRE AND EXPLOSION	No fire or explosion hazard exists.
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 the SDS.
ENVIRONMENTAL PRECAUTIONS	Prevent product from entering drains and waterways.
METHODS OF CLEANING UP	If spilt, collect and reuse where possible. Alternatively, contain spillage, then collect and place in suitable 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 adequately labelled, protected from physical damage and sealed when not in use.
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 CARBONATE (LIMESTONE, MARBLE, WHITING)	SWA (AUS)	--	10	--	--
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.				

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## 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION cont.

<b>PPE</b>	
EYE / FACE	Not required under normal conditions of use.
HANDS	Individuals with sensitive skin should consider wearing PVC or rubber gloves.
BODY	Not required under normal conditions of use.
RESPIRATORY	If sanding dry product, wear a Class P1 (Particulate) respirator.

## 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	OFF-WHITE TO BEIGE PASTE	ODOUR	SLIGHT ODOUR
FLAMMABILITY	NON FLAMMABLE	FLASH POINT	NOT RELEVANT
BOILING POINT	NOT AVAILABLE	MELTING POINT	NOT AVAILABLE
EVAPORATION RATE	NOT AVAILABLE	pH	7 to 9
VAPOUR DENSITY	NOT AVAILABLE	SPECIFIC GRAVITY	0.95 to 1.2
SOLUBILITY (WATER)	DISPERSIBLE	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		

## 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 acids (e.g. nitric acid), fluorine, aluminium (hot) and ammonium salts.
HAZARDOUS DECOMPOSITION PRODUCTS	May evolve toxic gases if heated to decomposition.
HAZARDOUS REACTIONS	Polymerization will not occur.

## 11 – TOXICOLOGICAL INFORMATION

HEALTH HAZARD SUMMARY	Low toxicity. This product has the potential to cause irritant effects. Use safe work practices to avoid eye contact, prolonged skin contact and dust inhalation when sanding. Maintain good personal hygiene standards.
EYE	Low to moderate irritant. Contact may result in mild irritation, lacrimation and redness.
INHALATION	Low irritant. An inhalation hazard is not anticipated unless dust is generated. Over exposure to dust may result in irritation of the nose and throat, with coughing.
SKIN	Low irritant. Prolonged or repeated contact may result in mild irritation.
INGESTION	Low toxicity. Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation.
TOXICITY DATA	CELLULOSE ETHER LD50 (oral) > 5 g/kg LD50 (dermal) > 5 g/kg

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## 12 – ECOLOGICAL INFORMATION

TOXICITY	Calcium carbonate occurs naturally in a wide variety of substances including limestone, marble and egg shells. It is not anticipated to cause adverse environmental effects.
PERSISTENCE AND DEGRADABILITY	Dissolved calcium carbonate dissociates into calcium and carbonate ions. Calcium ions will be assimilated by living organisms in the water and the carbonate will become part of the carbon cycle.
BIOACCUMULATIVE POTENTIAL	This product does not bioaccumulate.
MOBILITY IN SOIL	Due to its limited solubility, calcium carbonate precipitates and deposits on the sediment.
OTHER ADVERSE EFFECTS	No information provided

## 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL	For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Contact the manufacturer/supplier for additional information if disposing of large quantities (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 (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
TRANSPORT HAZARD CLASS	None Allocated	None Allocated	None Allocated
PACKING GROUP	None Allocated	None Allocated	None Allocated
Environmental hazards	No information provided		
<b>Special precautions for user</b>			
Hazchem	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	<b>WELDING - SANDING - CUTTING DRIED OR CURED PRODUCT:</b> If sanding, cutting or welding dried or cured product, adverse health effects may be avoided by the use of appropriate engineering controls and/or personal protective equipment. If welding, wear a Class P2 (Metal fume) respirator and depending on the nature of the surface being welded, additional protection (e.g. for organic vapours/acid gas) may also be required. A Class P1 (Particulate) respirator is recommended if dust is generated.
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## 16 – OTHER INFORMATION cont.

### 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
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
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
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

### 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

Risk Management Technologies  
5 Ventnor Ave, West Perth  
Western Australia 6005  
Phone: +61 8 9322 1711  
Fax: +61 8 9322 1794  
Email: info@rmt.com.au  
Web: www.rmt.com.au

End of SDS