

GTEK™ TOP COAT

Safety Data Sheet

1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product identifier

PRODUCT NAME GTEK TOP COAT
 SYNONYMS LIGHTWEIGHT JOINTING COMPOUND

1.2 Uses and uses advised against

USE(S) FINISHING COMPOUND
 Top Coat used for final coating of joints in interior plasterboard applications

1.3 Details of the supplier of the product

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

1.4 Emergency telephone number(s)

EMERGENCY 13 11 26 (Poison Information Centre)

2 – HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

2.2 Label elements

No signal word, pictograms, hazard or precautionary statements have been allocated.

2.3 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

3 – COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances / Mixtures

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%

GTEK™ TOP COAT

Safety Data Sheet

4 – FIRST AID MEASURES

4.1 Description of 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 Poisons 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.
FIRST AID FACILITIES	None allocated.

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.

5 – FIRE FIGHTING MEASURES

5.1 Extinguishing media

Use an extinguishing agent suitable for the surrounding fire.

5.2 Special hazards arising from the substance or mixture

Non flammable. May evolve toxic gases if strongly heated.

5.3 Advice for firefighters

No fire or explosion hazard exists.

5.4 Hazchem code

None allocated.

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.

6.2 Environmental precautions

Prevent product from entering drains and waterways.

6.3 Methods of cleaning up

If spilt, collect and reuse where possible. Alternatively, contain spillage, then collect and place in suitable containers for disposal.

6.4 Reference to other sections

See Sections 8 and 13 for exposure controls and disposal.

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.

7.2 Conditions for safe storage, including any incompatibilities

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.

7.3 Specific end use(s)

No information provided.

GTEK™ TOP COAT

Safety Data Sheet

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Exposure standards

INGREDIENT	REFERENCE	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
CALCIUM CARBONATE (LIME-STONE, MARBLE, WHITING)	SWA (AUS)	--	10	--	--

BIOLOGICAL LIMITS

No biological limit values have been entered for this product.

8.2 Exposure controls

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

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

9.1 Information on basic 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)	DISPERSABLE	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		

10 – STABILITY AND REACTIVITY

10.1 Reactivity

Calcium carbonate reacts with acids and acidic salts to generate gaseous carbon dioxide with effervescence (bubbling). The reaction with concentrated solutions of acids is rapid and exothermic. The effervescence can create extensive foaming. Ignites on contact with fluorine.

10.2 Chemical stability

Stable under recommended conditions of storage.

10.3 Possibility of hazardous reactions

Polymerization will not occur.

10.4 Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources.

10.5 Incompatible materials

Incompatible with acids (e.g. nitric acid), fluorine, aluminium (hot) and ammonium salts.

10.6 Hazardous decomposition products

May evolve toxic gases if heated to decomposition.

GTEK™ TOP COAT

Safety Data Sheet

11 – TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

ACUTE TOXICITY This product is expected to be of low acute toxicity. Under normal conditions of use, adverse health effects are not anticipated.

Information available for the ingredient(s):

INGREDIENT	ORAL TOXICITY (LD50)	DERMAL TOXICITY (LD50)	INHALATION TOXICITY (LC50)
CELLULOSE ETHER	> 5 g/kg	> 5 g/kg	-
SKIN	Contact may result in irritation, redness, rash and dermatitis.		
EYE	Contact may result in mechanical irritation, lacrimation and redness.		
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.		
STOT - REPEATED EXPOSURE	Not classified as causing organ damage from repeated exposure.		
ASPIRATION	Not relevant.		

12 – ECOLOGICAL INFORMATION

12.1 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.

12.2 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.

12.3 Bioaccumulative potential

This product does not bioaccumulate.

12.4 Mobility in soil

Due to its limited solubility, calcium carbonate precipitates and deposits on the sediment.

12.5 Other adverse effects

No information provided.

13 – DISPOSAL CONSIDERATIONS

13.1 Waste treatment method

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.

GTEK™ TOP COAT

Safety Data Sheet

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)
14.1 UN number	None Allocated	None Allocated	None Allocated
14.2 Proper shipping name	None Allocated	None Allocated	None Allocated
14.3 Transport hazard class	None Allocated	None Allocated	None Allocated
14.4 Packing group	None Allocated	None Allocated	None Allocated

14.5 Environmental hazards

No information provided.

14.6 Special precautions for user

Hazchem code None allocated.

15 – REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

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.
INVENTORY LISTING(S)	AUSTRALIA: AICS (Australian Inventory of Chemical Substances) All components are listed on AICS, or are exempt.

16 – OTHER INFORMATION

ADDITIONAL INFORMATION	<p>WELDING - SANDING - CUTTING DRIED OR CURED PRODUCT: 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.</p> <p>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.</p> <p>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 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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GTEK™ TOP COAT

Safety Data Sheet

16 – OTHER INFORMATION cont.

ABBREVIATIONS	<p>ACGIH CAS #</p> <p>CNS EC No. EMS</p> <p>GHS GTEPG IARC LC50 LD50 mg/m³ OEL pH</p> <p>ppm STEL STOT-RE STOT-SE SUSMP SWA TLV TWA</p>	<p>American Conference of Governmental Industrial Hygienists Chemical Abstract Service number - used to uniquely identify chemical compounds Central Nervous System EC No. - European Community Number Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods) Globally Harmonized System Group Text Emergency Procedure Guide International Agency for Research on Cancer Lethal Concentration, 50% / Median Lethal Concentration Lethal Dose, 50% / Median Lethal Dose Milligrams per Cubic Metre Occupational Exposure Limit Relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline). Parts Per Million Short-Term Exposure Limit Specific target organ toxicity (repeated exposure) Specific target organ toxicity (single exposure) Standard for the Uniform Scheduling of Medicines and Poisons Safe Work Australia Threshold Limit Value Time Weighted Average</p>
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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