

GTEK™ BASE COAT 45, 60 AND 90

Safety Data Sheet

1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product identifier

PRODUCT NAME GTEK BASECOAT 45, 60 AND 90
 SYNONYMS BASECOAT 45, 60 AND 90 MINS / DRAGON BASE 60

1.2 Uses and uses advised against

USE(S) PLASTER JOINTING COMPOUND

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

No information provided

3 – COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances / Mixtures

INGREDIENT	CAS NUMBER	EC NUMBER	CONTENT
CALCIUM SULPHATE HEMIHYDRATE	10034-76-1	600-067-1	70 to 80%
LIMESTONE (CALCIUM CARBONATE)	1317-65-3	215-279-6	12 to 16%
CALCIUM HYDROXIDE	1305-62-0	215-137-3	0.02 to 0.04%
MICA	-	-	3 to 5%
CLAY	-	-	2.5 to 2.8%
PVA	-	-	0.1 to 0.2%
CELLULOSE ETHER	-	-	0.12 to 0.16%
PLASTER RETARDER	-	-	0.01 to 0.015%

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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.
FIRST AID FACILITIES	None allocated.

4.2 Most important symptoms and effects, both acute and delayed

This product is generally considered to be of low toxicity, however over exposure to dust should be avoided.

4.3 Immediate medical attention and special treatment needed

Drinking glycerine, gelatine 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.

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 (sulphur oxides) when heated to decomposition.

5.3 Advice for firefighters

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.

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

Moisten with water to prevent a dust hazard and place in sealable 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.

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7 – STORAGE AND HANDLING cont.

7.3 Specific end use(s)

No information provided.

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 (LIMESTONE, MARBLE, WHITING)	SWA (AUS)	--	10	--	--
CALCIUM HYDROXIDE	SWA (AUS)	--	5	--	--
CALCIUM HYDROXIDE	SWA (Proposed)	--	1	--	--
CALCIUM SULPHATE	SWA (Proposed)	--	1.5	--	--
CALCIUM SULPHATE (A)	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

Wear dust proof goggles.

HANDS

Wear PVC or rubber gloves.

BODY

When using large quantities or where heavy contamination is likely, wear coveralls.

RESPIRATORY

Where an inhalation risk exists, wear a Class P1 (particulate) respirator.

9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic 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 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

Carefully review all information provided in sections 10.2 to 10.6.

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10 – STABILITY AND REACTIVITY cont.

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 aluminium (when heated), diazomethane, phosphorus (at high temperatures) and oxidising agents.

10.6 Hazardous decomposition products

May evolve toxic gases (sulphur oxides) when heated to decomposition.

11 – TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

ACUTE TOXICITY

This product is generally considered to be of low toxicity, however overexposure to dust should be avoided.

Information available for the ingredient(s):

INGREDIENT	ORAL TOXICITY (LD50)	DERMAL TOXICITY (LD50)	INHALATION TOXICITY (LC50)
IMESTONE (CALCIUM CARBONATE)	> 5000 mg/kg (rat)	-	-
CALCIUM HYDROXIDE	7300 mg/kg (mouse)	-	-
CELLULOSE ETHER	> 5 g/kg	> 5 g/kg	-
SKIN	Not classified as a skin irritant. Contact may result in mechanical irritation, redness and rash.		
EYE	Not classified as an eye irritant. Contact may cause discomfort, lacrimation and redness.		
SENSITISATION	Not classified as causing skin or respiratory sensitisation.		
MUTAGENICITY	Insufficient data available to classify as a mutagen.		
CARCINOGENICITY	Insufficient data available to classify as a carcinogen.		
REPRODUCTIVE	Insufficient data available to classify 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

No information provided.

12.2 Persistence and degradability

No information provided.

12.3 Bioaccumulative potential

No information provided.

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12 – ECOLOGICAL INFORMATION cont.

12.4 Mobility in soil

No information provided.

12.5 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

13.1 Waste treatment method

WASTE DISPOSAL	Reuse where possible. No special precautions are normally required when handling this product.
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)
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.
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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.

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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>																																										
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/m³</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 ³	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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End of SDS