



# Material Safety Data Sheet



Boral Australian Gypsum Limited  
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Telephone (03) 9214 2138  
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Product Name **CORNICE**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Supplier Name** BORAL AUSTRALIAN GYPSUM LIMITED  
**Address** 676 Lorimer Street, Port Melbourne, Victoria, AUSTRALIA, 3207  
**Telephone** (03) 9214 2138  
**Fax** (03) 9646 1912  
**Emergency** 1800 033 111  
**Synonym(s)** P 047 - MANUFACTURER'S CODE

**Use(s)** CORNICE  
**MSDS Date** 01 May 2008

## 2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO ASCC CRITERIA

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

**UN No.** None Allocated      **DG Class** None Allocated      **Subsidiary Risk(s)** None Allocated  
**Packing Group** None Allocated      **Hazchem Code** None Allocated      **EPG** None Allocated

## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS No.	Content
SILICA, CRYSTALLINE - QUARTZ	Si-O2	14808-60-7	<0.1%
CALCIUM SULPHATE DIHYDRATE	Ca.SO4.2H2O	10101-41-4	>60%
CALCIUM CARBONATE	Ca-C-O3	471-34-1	<10%
AMYLODEXTRIN STARCH	Not Available	9005-84-9	<5%

## 4. FIRST AID MEASURES

**Eye** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or 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 the 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). Due to product form and application, ingestion is considered unlikely.

**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. [Gosselin, R.E., R.P. Smith, H.C. Hodge. Clinical Toxicology of Commercial Products. 5th ed. Baltimore: Williams and Wilkins, 1984.,p. II-127]  
The manufacturer recommends treating the patient symptomatically.

## 5. FIRE FIGHTING MEASURES

<b>Flammability</b>	Non flammable. May evolve toxic gases (sulphur oxides) when heated to decomposition.
<b>Fire and Explosion</b>	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.
<b>Extinguishing</b>	Prevent contamination of drains or waterways.
<b>Hazchem Code</b>	None Allocated

## 6. ACCIDENTAL RELEASE MEASURES

<b>Spillage</b>	If spilt, collect and reuse where possible.
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## 7. STORAGE AND HANDLING

<b>Storage</b>	Store in cool, dry, well ventilated area, removed from aluminium, diazomethane, phosphorus and foodstuffs. Ensure containers/ packages are adequately labelled, protected from physical damage and sealed when not in use.
<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 Stds	Ingredient	Reference	TWA		STEL	
			ppm	mg/m3	ppm	mg/m3
	Calcium carbonate	ASCC (AUS)	--	10	--	--
	Silica, Crystalline Quartz	ASCC (AUS)	--	0.1	--	--

<b>Biological Limits</b>	No biological limit allocated.
<b>Engineering Controls</b>	Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Avoid inhalation. Maintain dust levels below the recommended exposure standard.
<b>PPE</b>	Personal Protective Equipment is not required under normal conditions of use. When using large quantities or where heavy contamination is likely, wear: coveralls. Where an inhalation risk exists, wear: a Class P1 (Particulate) respirator. If cutting or sanding with potential for dust generation, wear: dust-proof goggles, leather or cotton gloves and a Class P1 (Particulate) respirator.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	PAPER COVERED WHITE CORE	<b>Solubility (Water)</b>	0.2 %
<b>Odour</b>	LOW ODOUR	<b>Specific Gravity</b>	NOT AVAILABLE
<b>pH</b>	NOT RELEVANT	<b>% Volatiles</b>	NOT RELEVANT
<b>Vapour Pressure</b>	NOT RELEVANT	<b>Flammability</b>	NON FLAMMABLE
<b>Vapour Density</b>	NOT AVAILABLE	<b>Flash Point</b>	NOT RELEVANT
<b>Boiling Point</b>	NOT RELEVANT	<b>Upper Explosion Limit</b>	NOT RELEVANT
<b>Melting Point</b>	NOT AVAILABLE	<b>Lower Explosion Limit</b>	NOT RELEVANT
<b>Evaporation Rate</b>	NOT RELEVANT		
<b>Density</b>	750 kg/m3 (Approximately)		

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under recommended conditions of storage.
<b>Conditions to Avoid</b>	Avoid heat, sparks, open flames and other ignition sources.
<b>Material to Avoid</b>	Compatible with most commonly used materials.
<b>Hazardous Decomposition Products</b>	
<b>Hazardous Reactions</b>	Polymerization will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Health Hazard Summary</b>	Low irritant. Due to product form, an inhalation hazard is not anticipated unless the solid is cut or drilled. Crystalline silica quartz is classified as a human carcinogen (IARC Group 1), however due to product form (solid) and low concentration present, adverse health effects are not anticipated unless this product is cut or sanded and dusts generated.
<b>Eye</b>	Due to product form, irritation is not expected unless cut or heated and dust or fumes generated.
<b>Inhalation</b>	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.
<b>Skin</b>	Low irritant. Prolonged or repeated exposure to dust may result in irritation and dermatitis.
<b>Ingestion</b>	Ingestion is considered unlikely due to product form.
<b>Toxicity Data</b>	SILICA, CRYSTALLINE - QUARTZ (14808-60-7) LCLo (Inhalation): 300 ug/m3/10 years (human) LDLo (Intratracheal): 200 mg/kg (rat) LDLo (Intravenous): 20 mg/kg (dog) TCLo (Inhalation): 16 000 000 particles/ft3/8 hours/17.9 years (human-fibrosis) CALCIUM CARBONATE (471-34-1) LD50 (Ingestion): 6450 mg/kg (rat)

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## 12. ECOLOGICAL INFORMATION

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<b>Environment</b>	The main component/s of this product are not anticipated to cause any adverse effects to plants or animals.
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## 13. DISPOSAL CONSIDERATIONS

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<b>Waste Disposal</b>	Reuse where possible. No special precautions are required for this product.
<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>Shipping Name</b>	None Allocated				
<b>UN No.</b>	None Allocated	<b>DG Class</b>	None Allocated	<b>Subsidiary Risk(s)</b>	None Allocated
<b>Packing Group</b>	None Allocated	<b>Hazchem Code</b>	None Allocated	<b>EPG</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 Drugs and Poisons (SUSDP).
<b>AICS</b>	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

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## 16. OTHER INFORMATION

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<b>Additional Information</b>	RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.
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### ABBREVIATIONS:

ADB - Air-Dry Basis.

BEI - Biological Exposure Indice(s)

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

CNS - Central Nervous System.

EINECS - European INventory of Existing Commercial chemical Substances.

IARC - International Agency for Research on Cancer.

M - moles per litre, a unit of concentration.

mg/m3 - Milligrams per cubic metre.

NOS - Not Otherwise Specified.

NTP - National Toxicology Program.

OSHA - Occupational Safety and Health Administration.

pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

ppm - Parts Per Million.

RTECS - Registry of Toxic Effects of Chemical Substances.

**Product Name**     **CORNICE**

TWA/ES - Time Weighted Average or Exposure Standard.

**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 Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

**PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:**

The recommendation for protective equipment contained within this Chem Alert 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.

**Report Status**

This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Material Safety Data Sheet ('MSDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer 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.

While RMT has taken all due care to include accurate and up-to-date information in this MSDS, 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 MSDS.

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**End of Report**