1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier name: BORAL AUSTRALIAN GYPSUM LIMITED
Address: 251 Salmon Street, Port Melbourne, Victoria, 3207, AUSTRALIA
Telephone: (03) 9214 2138
Fax: (03) 9646 1912
Emergency: 1800 033 111
Synonym(s): CORNICE ADHESIVE 45 • CORNICE ADHESIVE 60 • P 027 - MANUFACTURER'S CODE • P 071 - MANUFACTURER'S CODE
Use(s): ADHESIVE • CORNICE CEMENT
SDS date: 05 February 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
Packing group
Hazchem code
None Allocated
None Allocated
None Allocated

3. COMPOSITION/ INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Identification</th>
<th>Classification</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>QUARTZ (SILICA CRYSTALLINE)</td>
<td>CAS: 14808-60-7 EC: 238-878-4</td>
<td>Not Available</td>
<td>&lt;0.3%</td>
</tr>
<tr>
<td>CALCIUM SULPHATE HEMIHYDRATE</td>
<td>CAS: 10034-76-1 EC: 600-067-1</td>
<td>Not Available</td>
<td>&gt;60%</td>
</tr>
<tr>
<td>LIMESTONE</td>
<td>CAS: 1317-65-3 EC: 215-279-6</td>
<td>Not Available</td>
<td>&lt;30%</td>
</tr>
<tr>
<td>DEXTRINS</td>
<td>CAS: 9004-53-9 EC: 232-675-4</td>
<td>Not Available</td>
<td>&lt;5%</td>
</tr>
<tr>
<td>CELLULOSE THICKENER</td>
<td>Not Available</td>
<td>Not Available</td>
<td>&lt;2%</td>
</tr>
<tr>
<td>SYNTHETIC POLYMER</td>
<td>CAS: 25213-24-5 EC: 607-648-9</td>
<td>Not Available</td>
<td>&lt;2%</td>
</tr>
</tbody>
</table>

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.
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). If swallowed, do not induce vomiting.

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. The manufacturer recommends treating the patient symptomatically.

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

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.

Use an extinguishing agent suitable for the surrounding fire.

None Allocated

Wear Personal Protective Equipment (PPE) as detailed in Section 8 of this SDS.

Prevent product from entering drains and waterways.

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

See Sections 8 and 13 for exposure controls and disposal.

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

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.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Reference</th>
<th>TWA ppm</th>
<th>TWA mg/m³</th>
<th>STEL ppm</th>
<th>STEL mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium carbonate</td>
<td>SWA (AUS)</td>
<td>--</td>
<td>10</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Silica, Crystalline Quartz</td>
<td>SWA (AUS)</td>
<td>--</td>
<td>0.1</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

No biological limit allocated.

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.
9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>OFF-WHITE POWDER</td>
</tr>
<tr>
<td>Odour</td>
<td>SLIGHT ODOUR</td>
</tr>
<tr>
<td>Flammability</td>
<td>NON FLAMMABLE</td>
</tr>
<tr>
<td>Flash point</td>
<td>NOT RELEVANT</td>
</tr>
<tr>
<td>Boiling point</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Melting point</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>pH</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Vapour density</td>
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</tr>
<tr>
<td>Specific gravity</td>
<td>2.6 to 2.7</td>
</tr>
<tr>
<td>Solubility (water)</td>
<td>0.2 %</td>
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<tr>
<td>Vapour pressure</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>NOT RELEVANT</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>NOT RELEVANT</td>
</tr>
<tr>
<td>% Volatiles</td>
<td>NOT AVAILABLE</td>
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</table>

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

Products 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. Crystalline silica is classified as carcinogenic to humans (IARC Group 1). Chronic exposure to crystalline silica may result in lung fibrosis (silicosis). However, due to the low levels present, chronic health effects are not anticipated with normal use.

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

- QUARTZ (SILICA CRYSTALLINE) (14808-60-7)
  - LCLo (inhalation) 300 µg/m³/10 years (human)
  - TCLo (inhalation) 16 000 000 particles/ft³/8 hours/17.9 years (human-fibrosis)
- DEXTRINS (9004-53-9)
  - LD50 (intravenous) 350 mg/kg (mouse)
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.

14. TRANSPORT INFORMATION

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

<table>
<thead>
<tr>
<th>UN number</th>
<th>LAND TRANSPORT (ADG)</th>
<th>SEA TRANSPORT (IMDG / IMO)</th>
<th>AIR TRANSPORT (IATA / ICAO)</th>
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<tbody>
<tr>
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<th>SEA TRANSPORT (IMDG / IMO)</th>
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<table>
<thead>
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<th>DG class/ Division</th>
<th>LAND TRANSPORT (ADG)</th>
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<table>
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<th>SEA TRANSPORT (IMDG / IMO)</th>
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<table>
<thead>
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<th>Hazchem code</th>
<th>LAND TRANSPORT (ADG)</th>
<th>SEA TRANSPORT (IMDG / IMO)</th>
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<td>None Allocated</td>
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</table>

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

16. OTHER INFORMATION

Additional information  
The manufacturer reports that P 027 has a hardening time of 45 - 60 minutes while P 071 has a hardening time of 70 - 100 minutes.

EXPOSURE STANDARDS - TIME WEIGHTED AVERAGES: 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).

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
- GHS: Globally Harmonized System
- IARC: International Agency for Research on Cancer
- LD50: Lethal Dose, 50% / Median Lethal Dose
- mg/m³: Milligrams per Cubic Metre
- 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
- REACH: Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals
- 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
- TLV: Threshold Limit Value
- TWA/OEL: Time Weighted Average or Occupational Exposure Limit

Revision history

<table>
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<tr>
<th>Revision</th>
<th>Description</th>
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<tbody>
<tr>
<td>2.0</td>
<td>Standard SDS Review.</td>
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<tr>
<td>1.0</td>
<td>Initial SDS creation</td>
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</table>

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.

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Western Australia 6005
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Fax: +61 8 9322 1794
Email: info@rmt.com.au
Web: www.rmt.com.au

Revision: 2
SDS Date: 05 February 2013

End of SDS