1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product identifier
Product name: CAFCO 300

1.2 Uses and uses advised against
Use(s): FIRE PROTECTIVE PRODUCT
The manufacturer recommends that this is a plaster based fire protective product.

1.3 Details of the supplier of the safety data sheet
Supplier name: PROMAT AUSTRALIA PTY LTD
Address: 1 Scotland Road, Mile End, SA, 5031, AUSTRALIA
Telephone: (08) 8352 6759
Fax: (08) 8352 1014
Website: http://www.promat-ap.com/

1.4 Emergency telephone number(s)
Emergency: (08) 8352 6759

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

<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></td>
<td>&lt;0.1%</td>
</tr>
<tr>
<td>PLASTER</td>
<td>Not Available</td>
<td></td>
<td>&gt;10%</td>
</tr>
<tr>
<td>VERMICULITE</td>
<td>CAS: 1318-00-9 EC: 603-518-0</td>
<td></td>
<td>&gt;10%</td>
</tr>
<tr>
<td>INERT MATERIAL(S)</td>
<td>Not Available</td>
<td></td>
<td>&lt;80%</td>
</tr>
</tbody>
</table>

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 Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

**First aid facilities**
No information provided.

### 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
Non flammable. 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
Non flammable. 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 this SDS. Clear area of all unprotected personnel. Contact emergency services where appropriate.

#### 6.2 Environmental precautions
Prevent product from entering drains and waterways.

#### 6.3 Methods of cleaning up
Contain spillage, then collect and place in suitable containers for reuse or disposal. Avoid generating dust.

#### 6.4 Reference to other sections
See Sections 8 and 13 for exposure controls and disposal.

### 7. HANDLING AND STORAGE

#### 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.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1 Control parameters

**Exposure standards**

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

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. At high dust levels, wear a Powered Air Purifying Respirator (PAPR) with Class P3 (Particulate) filter or a Full-face Class P3 (Particulate) respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>WHITE TO TAN POWDER</td>
</tr>
<tr>
<td>Odour</td>
<td>SLIGHT ODOUR</td>
</tr>
<tr>
<td>Flammability</td>
<td>NOT AVAILABLE</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>1150°C</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>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1</td>
</tr>
<tr>
<td>Solubility (water)</td>
<td>INSOLUBLE</td>
</tr>
<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>Partition coefficient</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>NOT RELEVANT</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Viscosity</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>% Volatiles</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Bulk density</td>
<td>50 to 90 kg/m³</td>
</tr>
</tbody>
</table>

9.2 Other information

10. STABILITY AND REACTIVITY

10.1 Reactivity
Carefully review all information provided in sections 10.2 to 10.6.

10.2 Chemical stability
Stable under recommended conditions of storage.

10.3 Possibility of hazardous reactions
Polymerization is not expected to occur.
10.4 Conditions to avoid
Avoid contact with incompatible substances.

10.5 Incompatible materials
No information provided.

10.6 Hazardous decomposition products
May evolve toxic gases if heated to decomposition.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

| Acute toxicity | No known toxicological effects from this product. |
| Skin           | Not classified as a skin irritant. Contact may result in mechanical irritation. |
| Eye            | Not classified as an eye irritant. Contact may result in mechanical irritation. |
| Sensitization  | This product is not known to be a skin or respiratory sensitiser. |
| Mutagenicity   | No evidence of mutagenic effects. |
| Carcinogenicity| Crystalline silica is classified as carcinogenic to humans (IARC Group 1). However, there is insufficient respirable silica in this product to be classified as a carcinogen. |
| Reproductive  | No evidence of reproductive effects. |
| STOT – single exposure | No known effects from this product. |
| STOT – repeated exposure | Adverse health effects associated with silica, such as the development of silicosis (lung fibrosis), is not anticipated unless chronic (ie. prolonged and repeated) exposure to silica quartz dust occurs. |
| Aspiration     | This product does not present an aspiration hazard. |

12. ECOLOGICAL INFORMATION

12.1 Toxicity
This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities.

12.2 Persistence and degradability
Not applicable.

12.3 Bioaccumulative potential
This product is not expected to bioaccumulate.

12.4 Mobility in soil
This product has low mobility in soil.

12.5 Other adverse effects
No information provided.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

| Waste disposal | Ensure product is covered with moist soil to prevent dust generation and dispose of to approved Council landfill. Contact the manufacturer if additional information is 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

<table>
<thead>
<tr>
<th>LAND TRANSPORT (ADG)</th>
<th>SEA TRANSPORT (IMDG / IMO)</th>
<th>AIR TRANSPORT (IATA / ICAO)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1 UN number</td>
<td>None Allocated</td>
<td>None Allocated</td>
</tr>
<tr>
<td>14.2 UN proper shipping name</td>
<td>None Allocated</td>
<td>None Allocated</td>
</tr>
</tbody>
</table>
14.3 Transport hazard classes

<table>
<thead>
<tr>
<th>DG class</th>
<th>None Allocated</th>
<th>None Allocated</th>
<th>None Allocated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subsidiary risk(s)</td>
<td>None Allocated</td>
<td>None Allocated</td>
<td>None Allocated</td>
</tr>
</tbody>
</table>

14.4 Packing group

| None Allocated | None Allocated | None Allocated |

14.5 Environmental hazards

None Allocated

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

None allocated.

Risk phrases

None allocated.

Safety phrases

None allocated.

Inventory listing(s)

AUSTRALIA: AICS (Australian Inventory of Chemical Substances)

All components are listed on AICS, or are exempt.

16. OTHER INFORMATION

Additional information

General Note: As most building products, this product contains quartz. Mechanical machining (cutting, sanding, drilling) of building products will release dust which may contain quartz particles. However, for this product, with exposure assessments performed by accredited European laboratories using reference workplace monitoring methods, any quartz levels in the respirable dust were below the detection limit. Inhalation of high concentrations of dust may irritate the airways. Dust may also cause irritation to the eyes and/or skin. Inhalation of respirable dust containing quartz, in high concentrations or over prolonged periods of time can lead to lung disease (Silicosis) and an increased risk of lung cancer. Avoid the inhalation of dust by using machinery with dust extraction. Guarantee adequate ventilation on the work floor. Avoid contact with the eyes and skin and avoid inhalation of dust by wearing the appropriate personal protection gear (safety goggles, protective clothing and dust mask).

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.

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.
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

Revision: 2
SDS date: 15 January 2014

[ End of SDS ]