1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product identifier

<table>
<thead>
<tr>
<th>Product name</th>
<th>CA 1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synonym(s)</td>
<td>NSN: 8030-01-450-0381</td>
</tr>
<tr>
<td></td>
<td>1000XXXXAI006CT - PRODUCT CODE • CA1000 • PPG CA 1000</td>
</tr>
</tbody>
</table>

1.2 Uses and uses advised against

| Use(s)     | COATING • PAINT |

1.3 Details of the supplier of the safety data sheet

<table>
<thead>
<tr>
<th>Supplier name</th>
<th>PPG INDUSTRIES AUSTRALIA PTY. LTD. (ASC - AUSTRALIA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>23 Ovata Drive, Tullamarine, VIC, Australia, 3043</td>
</tr>
<tr>
<td>Telephone</td>
<td>(03) 9335 1557</td>
</tr>
<tr>
<td>Fax</td>
<td>(03) 9335 3490</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:contact.aust@ppg.com">contact.aust@ppg.com</a></td>
</tr>
<tr>
<td>Website</td>
<td><a href="http://www.ppg.com/coatings/aerospace/">http://www.ppg.com/coatings/aerospace/</a></td>
</tr>
</tbody>
</table>

1.4 Emergency telephone number(s)

| Emergency | 1800 807 001 |

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

| GHS Classification(s) | Flammable Liquids: Category 3 |
|                       | Serious Eye Damage / Eye Irritation: Category 2A |
|                       | Aquatic Toxicity (Chronic): Category 2 |

2.2 Label elements

Signal word: WARNING

Pictograms:

- Flammable
- Eye irritation
- Aquatic toxicity

Hazard statement(s)

H226 Flammable liquid and vapour.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

Prevention statement(s)

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting equipment.
P243 Take precautionary measures against static discharge.
P264 Wash thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response statement(s)

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.
Product name: CA 1000
P370 + P378
P391
Storage statement(s):
P403 + P235
Disposal statement(s):
P501

In case of fire: Use appropriate media for extinction.
Collect spillage.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container in accordance with relevant regulations.

2.3 Other Hazards
No information provided.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS number</th>
<th>EC number</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHYL ACETATE</td>
<td>141-78-6</td>
<td>205-500-4</td>
<td>10 - 30%</td>
</tr>
<tr>
<td>MICA</td>
<td>12001-26-2</td>
<td>601-648-2</td>
<td>1 - 10%</td>
</tr>
<tr>
<td>ZINC PHOSPHATE</td>
<td>7779-90-0</td>
<td>231-944-3</td>
<td>1 - 10%</td>
</tr>
<tr>
<td>ZINC OXIDE</td>
<td>1314-13-2</td>
<td>215-222-5</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>POLYSULPHIDE(S)</td>
<td>Not Available</td>
<td>Not Available</td>
<td>&gt;60%</td>
</tr>
<tr>
<td>POLYSULPHIDE POLYMER</td>
<td>68611-50-7</td>
<td>614-671-8</td>
<td>1 - 10%</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

No information provided.

No information provided.

Treat symptomatically.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media
No information provided.

5.2 Special hazards arising from the substance or mixture
No information provided.

5.3 Advice for firefighters
No information provided.

5.4 Hazchem code

- 3Y
  - Alcohol Resistant Foam is the preferred firefighting medium. Else use;
  - Normal Foam (protein based foam that is not alcohol resistant).
  - Risk of violent reaction or explosion. Wear full fire kit and breathing apparatus. Contain spill and run-off.

6. ACCIDENTAL RELEASE MEASURES
Product name: CA 1000

6.1 Personal precautions, protective equipment and emergency procedures
No information provided.

6.2 Environmental precautions
No information provided.

6.3 Methods of cleaning up
No information provided.

6.4 Reference to other sections
No information provided.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
No information provided.

7.2 Conditions for safe storage, including any incompatibilities
No information provided.

7.3 Specific end use(s)
No information provided.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1 Control parameters

<table>
<thead>
<tr>
<th>Substance</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>Ethyl acetate</td>
<td>SWA (AUS)</td>
<td>200</td>
<td>720</td>
<td>400</td>
<td>1440</td>
</tr>
<tr>
<td>Mica</td>
<td>SWA (AUS)</td>
<td>--</td>
<td>2.5</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Zinc oxide (dust)</td>
<td>SWA (AUS)</td>
<td>--</td>
<td>10</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Zinc oxide (fume)</td>
<td>SWA (AUS)</td>
<td>--</td>
<td>5</td>
<td>--</td>
<td>10</td>
</tr>
</tbody>
</table>

No biological limit values have been entered for this product.

8.2 Exposure controls

Engineering Controls: No information provided.

PPE
Eye/Face: Wear splash-proof goggles.
Hand: Wear PVA or viton (R) gloves.
Body: Wear coveralls. If spraying, with prolonged use, or if in confined areas, wear impervious coveralls.
Respiratory: Wear a Type AB (Organic and Inorganic gases/vapours) respirator. If sanding dry product, wear a Class P1 (Particulate) respirator. If spraying, with prolonged use, or if in confined areas, wear an Air-line respirator. Where the boiling point is < 65°C, use an AX filter type.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties
Appearance: OFF-WHITE LIQUID
Odour: SLIGHT ODOUR
Odour Threshold: NOT AVAILABLE
Product name: CA 1000

- **pH**: NOT AVAILABLE
- **Melting Point**: NOT AVAILABLE
- **Boiling Point**: > 37.78°C
- **Flash Point**: 23.89°C (cc)
- **Evaporation Rate**: NOT AVAILABLE
- **Flammability**: FLAMMABLE
- **Upper Explosion Limit**: NOT AVAILABLE
- **Lower Explosion Limit**: NOT AVAILABLE
- **Vapour Pressure**: NOT AVAILABLE
- **Vapour Density**: NOT AVAILABLE
- **Solubility (water)**: INSOLUBLE
- **Partition Coefficient**: NOT AVAILABLE
- **Autoignition Temperature**: NOT AVAILABLE
- **Decomposition Temperature**: NOT AVAILABLE
- **Viscosity**: NOT AVAILABLE
- **Explosive Properties**: NOT AVAILABLE
- **Oxidising Properties**: NOT AVAILABLE
- **Specific Gravity**: 1.31

9.2 Other information
- % Volatiles: NOT AVAILABLE

10. STABILITY AND REACTIVITY

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

10.2 Chemical stability
No information provided.

10.3 Possibility of hazardous reactions
No information provided.

10.4 Conditions to avoid
No information provided.

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
- **Health Hazard**
  - **Summary**: No information provided.

No information provided.
Product name: CA 1000

No information provided.

ETHYL ACETATE (141-78-6)
- LC50 (Inhalation): 1600 ppm/8hrs (rat)
- LCLo (Inhalation): 77 mg/m³/1hr (guinea pig)
- LD50 (Ingestion): 4100 mg/kg (mouse)
- LD50 (Intraperitoneal): 709 mg/kg (mouse)
- LD50 (Subcutaneous): 3000 mg/kg (guinea pig)
- TCLo (Inhalation): 400 ppm (human)

ZINC OXIDE (1314-13-2)
- LC50 (Inhalation): 2500 mg/m³ (mouse)
- LD50 (Ingestion): 7950 mg/kg (mouse)
- LD50 (Intraperitoneal): 240 mg/kg (rat)
- LDLo (Ingestion): 500 mg/kg (human)
- TCLo (Inhalation): 600 mg/m³ (human)

12. ECOLOGICAL INFORMATION

12.1 Toxicity
No information provided.

12.2 Persistence and degradability
No information provided.

12.3 Bioaccumulative potential
No information provided.

12.4 Mobility in soil
No information provided.

12.5 Results of PBT and vPvB assessment
No information provided.

12.6 Other adverse effects
No information provided.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
No information provided.

Legislation
Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

<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>1133</td>
<td>1133</td>
<td>1133</td>
</tr>
</tbody>
</table>

14.1 UN number
14.2 UN proper shipping name
ADHESIVES containing flammable liquid
14.3 Transport hazard classes

<table>
<thead>
<tr>
<th>DG Class</th>
<th>3</th>
<th>3</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subsidiary risk(s)</td>
<td>None Allocated</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

14.4 Packing group

| III | III | III |

14.5 Environmental hazards

Marine Pollutant

14.6 Special precautions for user

<table>
<thead>
<tr>
<th>Hazchem Code</th>
<th>●3Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMS</td>
<td>F-E, S-D</td>
</tr>
</tbody>
</table>

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

- F - Flammable
- N - Dangerous for the environment
- Xi - Irritant

Risk phrases

- R10: Flammable.
- R36: Irritating to eyes.
- R51/53: Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Safety phrases

- S16: Keep away from sources of ignition - No smoking.
- S61: Avoid release to the environment. Refer to special instructions/safety data sheets.

Inventory listing(s)

AUSTRALIA: AICS (Australian Inventory of Chemical Substances)

All components are listed on AICS, or are exempt.

15.2 Chemical safety assessment

No information provided.

16. OTHER INFORMATION

Additional information

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.

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.

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
- 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
Product name: CA 1000

LC50  Lethal Concentration, 50% / Median Lethal Concentration
LD50  Lethal Dose, 50% / Median Lethal Dose
mg/m³  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

Report Status
This ChemAlert report has been independently compiled by RMT’s scientific department utilising the original Safety Data Sheet (‘SDS’) for the product provided to RMT by the manufacturer. The information is based on the latest chemical and toxicological research 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. It is an independent collation by RMT of information obtained from the original SDS for this product. Its content has not been authorised or verified by the manufacturer / distributor of the chemical to which it relates.

This ChemAlert report does not constitute the manufacturer's original SDS and is not intended to be a replacement for same. It is provided to subscribers of ChemAlert as a reference tool only, is not all-inclusive and does not represent any guarantee as to the properties of the product. 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 ChemAlert report, 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 ChemAlert report.

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Last Reviewed: 09 Jun 2014
Date Printed: 12 Oct 2016
Based on SDS dated: 24 May 2014

End of Report