1. Identification of the substance/preparation and company/undertaking

Product name: Sar-Gel paste
Australian distributor: Spill Crew Australia
Address: 48 Murray Road North
Welshpool Australia
Tel/Fax number: Tel: 1300 485 000
Fax: (08) 9258 5833
Emergency tel: (61) 411 166 586
Email: sales@spillcrew.com.au
Recommended use: Water / phase separation indicating paste. Laboratory use, manufacture of substances

2. Hazards identification

Hazard classification: Toxicological properties are not known.

Signal Word(s)
WARNING

Pictogram(s)
Exclamation mark

Hazard and precautionary statements
P285 In case of inadequate ventilation wear respiratory protection.
P302+P352 If on skin, wash with plenty of soap and water.
P305B If I eyes, separate eyelids with finger tips.
P314 Get medical advice/attention if you feel unwell.
P335 Brush off loose particles from skin.
P351 Rinse cautiously with water for several minutes.

3. Composition/information on ingredients

Note: Items listed with a CASRN have no CAS # available

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Name</th>
<th>EINECS</th>
<th>CAS</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Calcium oxide</td>
<td>215-138-9</td>
<td>0001305788</td>
<td>6 – 10%</td>
</tr>
<tr>
<td></td>
<td>Phenolphthalein</td>
<td>201-004-7</td>
<td>0000077098</td>
<td>0 – 5%</td>
</tr>
<tr>
<td></td>
<td>Poly(ethylene oxide)</td>
<td>Unknown</td>
<td>0025322683</td>
<td>41 – 50%</td>
</tr>
</tbody>
</table>
|             | Poly(oxy(methyl-1,2-ethanediyl)),alpha-hydro-omega-hydroxy-
|             | Silicon oxide                             | 231-545-4 | 0007631869   | 6 – 10%    |
4. First aid measures

Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use.

Eye contact: For even minor eye contact, immediately rinse with clean water for 20-30 minutes. Retract eyelids often. Obtain emergency medical attention. Prompt action is essential.

Skin contact: Not expected to present a significant skin hazard under anticipated conditions of normal use. However, if exposure occurs, wash skin thoroughly with mild soap and water.

Ingestion: Ingestion unlikely. However, if ingested, obtain emergency medical attention.

Emergency medical treatment procedures:

First aid measures:
- Brush off the skin.
- Contact medical personnel if discomfort persists.

5. Fire-fighting measures

Suitable extinguishing media:

Use dry chemical, CO2, water spray or water fog

Special firefighting procedures:

No special procedures required. Fire should be extinguished as quickly as possible with any of the above recommended extinguishing media.

Fire and explosion hazards:

Do not throw into fire; potentially combustible ingredients may ignite, causing fire to spread, increasing risk of burns/injuries.

Other information:

Flash point: > 110°C
Method: TCC
UEL: no data
LEL: no data
Auto-ignition temperature: no data
Flammability classification: no data
Flame propagation rate: no data
Hazardous combustion products: possible flammable vapour

6. Accidental release measures

Emergency procedures: Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

Precautions if material is spilled or released:

No significant environmental hazard resulting from an accidental release of this material is anticipated. Wear appropriate personal protective equipment during clean-up of spilled material.

7. Handling and storage

Keep out of reach of children. Keep tube tightly closed when not in use. Protect against moisture contamination and exposure to high temperatures. Prevent contact with strong oxidising agents.
8. Exposure controls/personal protection

OSHA (ACGIH) exposure limits:

<table>
<thead>
<tr>
<th>CAS#</th>
<th>IDLH: NE</th>
<th>OSHA</th>
<th>STEL</th>
<th>CEILING</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000077098</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>0001305788</td>
<td>25 mg/m³</td>
<td>NC</td>
<td>5</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>0007631869</td>
<td>3000 mg/m³</td>
<td>NC</td>
<td>80c</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-</td>
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<td>-</td>
</tr>
<tr>
<td>0025322683</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>0025322694</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

*NC = not classified

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Use process enclosures, local exhaust ventilation, or other engineering controls.

Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough.

Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product.

Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product.

Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.

9. Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formula</td>
<td>Mixture</td>
</tr>
<tr>
<td>Appearance</td>
<td>White/pink viscous paste</td>
</tr>
<tr>
<td>Odour</td>
<td>Little or no odour</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.16</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Appreciable</td>
</tr>
<tr>
<td>pH</td>
<td>9</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data</td>
</tr>
<tr>
<td>Vapour density (Air=1)</td>
<td>No data</td>
</tr>
</tbody>
</table>
10. Stability and reactivity

- **Chemical stability:** Stable under normal conditions of storage and handling
- **Conditions to avoid:** None
- **Incompatible materials:** No data
- **Hazardous decomposition products:** No data
- **Hazardous polymerisation:** Will not occur.

11. Toxicological information

- **Toxicology information:** No toxicity data available for this material.
- **Inhalation:** Although no appropriate human or animal health effects data are known to exist, this material is not expected to be an inhalation hazard.
- **Eye contact:** Although no appropriate human or animal health effects data are known to exist, this material is expected to be corrosive to the eyes. May cause destruction of eye tissue. Symptoms may include burning, tearing, redness and swelling.
- **Skin absorption:** Although no appropriate human or animal health effects data are known to exist, this material is expected to be a slight skin absorption hazard. Extensive/prolonged or repeated exposure to this material can result in significant absorption.
- **Skin irritation:** This material is not expected to cause skin irritation based on available test data.
- **Ingestion:** Although no appropriate human or animal health effects data are known to exist, this material is expected to be an ingestion hazard. Ingestion of this material may cause corrosion or irritation of the linings of the mouth, throat, and gastrointestinal tract.

**Medical conditions aggravated by exposure:**

- This material or its emissions may cause damage to kidney and liver and/or aggravate existing disorders.

**Physical hazards:** None

**Acute health effects (short-term):**

- Suspect eye corrosive hazard
- Not a skin irritant based on available data
- Not expected to be an inhalation hazard
- Suspect slight skin absorption hazard
- Suspect skin sensitisation hazard
- Suspect ingestion hazard; corrosive

**Chronic health effects (long-term):**

- No data is available on the chronic health effects of this product.

12. Ecological information

- **Ecological information:** No ecological data available for this material
13. Disposal considerations

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Waste code</th>
<th>Regulated name</th>
</tr>
</thead>
<tbody>
<tr>
<td>000077098</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>001305788</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>007631869</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>0025322683</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
<tr>
<td>0025322694</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

Waste disposal methods: When discarded in its purchased form, this product is not a RCRA hazardous waste. However, it is the responsibility of the generator to determine at the time of disposal whether the product meets the criteria of a hazardous waste. Comply with all federal, state and local regulations. Waste disposal options include landfill solids at permitted sites. Use registered transportation.

14. Transport information

Proper shipping name: Not regulated
Chemical name: Not regulated
UN: Not regulated
Class: Not regulated
PG: Not regulated

15. Regulatory information

All components of this product are on the TSCA public inventory

16. Other information

Last revised: March 2017
SDS created: March 2017

All information contained in this Safety Data Sheet and the health, safety and environmental information are considered to be accurate to the best of our knowledge as of the issue date specified above. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet. Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user’s obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Spill Crew Australia accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.

- End of SDS -