

# MATERIAL SAFETY DATA SHEET

## CHEMCOTE AQUA 2000 PART B



### 1. IDENTIFICATION

**Product Name:** CHEMCOTE AQUA 2000 PART B

**Other Names:** Not applicable

**Recommended Use:** Hardener component of a two-pack water based epoxy sealer and adhesive. Applied by brush and roller.

**Supplier:** Newkem Australia Pty. Ltd  
**ABN:** 43 000 549 548  
**Street Address:** 1 Cumberland Avenue, South Nowra NSW 2541  
**Telephone:** (02) 4423 0044  
**Fax:** (02) 4421 4392  
**Email:** sales@newkem.com.au  
**Emergency Phone:** Mon-Fri 8:30am – 5:00pm 02 4423 0044  
**After Hours:** 0411 430 484

### 2. HAZARDS IDENTIFICATION

**Hazard Classification:** HAZARDOUS SUBSTANCE.  
NON-DANGEROUS GOODS

Hazard classification according to the criteria of SWA.  
Dangerous goods classification according to the Australian Dangerous Goods Code.

**Risk Phases:**

**R41** Risk of serious damage to eyes  
**R43** May cause sensitisation by skin contact  
**R45** May cause cancer

# MATERIAL SAFETY DATA SHEET

## CHEMCOTE AQUA 2000 PART B



### Safety Phases:

|                  |   |
|------------------|---|
| <b>S2</b>        | Keep out of reach of children   |
| <b>S24</b>       | Avoid contact with skin   |
| <b>S26</b>       | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.                   |
| <b>S36/37/39</b> | Wear suitable protective clothing, gloves and eye/face protection   |
| <b>S38</b>       | In case of insufficient ventilation, wear suitable respiratory equipment.                                       |
| <b>S45</b>       | In case of accident or if you feel unwell, seek medical advice immediately, (show the label whenever possible.) |
| <b>S61</b>       | Avoid release to the environment. Refer to special Instructions/Material Safety Data Sheets                     |

### 3. COMPOSITION: Information on Ingredients

**Chemical Characterization:** Coloured viscous liquid

| <b>Chemical Ingredient</b>                                | <b><u>CAS No.</u></b> | <b><u>Proportion</u></b> |
|---|-----------------------|--------------------------|
| Aliphatic Amine   |                       | 20-40%                   |
| Other ingredients determined to be not hazardous to 100%. |                       |                          |

### 4. FIRST AID MEASURES

#### General

|                      |  |
|----------------------|--|
| <b>Information:</b>  | Keep the victim calm   |
| <b>Ingestion:</b>    | Immediately give plenty of water (if possible charcoal slurry).<br>If a person vomits when lying on his back, place him in the Recovery position. Oxygen or artificial respiration if needed.<br>Do not induce vomiting. |
| <b>Eye Contact:</b>  | If contact with eyes occurs, wash with copious amounts of water for several minutes holding eyelids open. Take care not to rinse contaminated water into the non-affected eye. Seek medical attention.                   |
| <b>Skin Contact:</b> | Remove contaminated clothing and launder before re-use.  |

# MATERIAL SAFETY DATA SHEET

## CHEMCOTE AQUA 2000 PART B



Wash affected skin areas with soap and water. Do not use solvents. If irritation persists seek medical attention.

|                              |  |
|------------------------------|--|
| <b>Inhalation:</b>           | Remove from source of contamination or move to fresh air. If symptoms persist, call a physician. |
| <b>First Aid Facilities:</b> | Eye wash station, safety shower and normal washroom facilities.                                  |
| <b>Advice to Doctor:</b>     | Contact Poisons Information Centre. In Australia phone 131126                                    |

### 5. FIRE FIGHTING MEASURES

|  |  |
|--|--|
| <b>Suitable Extinguishing Media:</b>                   | Water spray, foam, carbon dioxide or dry chemical powder. Do not use high volume water jet.      |
| <b>Hazards from Combustion Products:</b>               | Burning produces obnoxious and toxic fumes. Carbon monoxide, carbon dioxide, oxides of nitrogen. |
| <b>Special Protective Equipment for Fire Fighters:</b> | Fire-fighters must wear full protective equipment, including self-contained breathing apparatus. |
| <b>Hazchem Code:</b>                                   | Not applicable   |

### 6. ACCIDENTAL RELEASE MEASURES

|                              |   |
|------------------------------|---|
| <b>Emergency Procedures:</b> | Prevent fluid from escaping to drains and waterways. Contain leaking packaging in a containment drum. Ensure drain valves are closed at all times. Avoid subsoil penetration. Clean up and report spills immediately.                                     |
| <b>Methods for Clean up:</b> | Eliminate all ignition sources. Increase ventilation if possible. Contain spill using sand, earth, vermiculite or other suitable absorbent. Alternatively, add calcium chloride or alum to the spill to coagulate solids. Place contaminated absorbent in |

# MATERIAL SAFETY DATA SHEET

## CHEMCOTE AQUA 2000 PART B



drums for disposal. Personnel involved in clean-up must use recommended protective equipment. Dispose of in accordance with Local Regulations.

### 7. HANDLING AND STORAGE

- Safe Handling:** Once the water is driven off the material is combustible. Avoid heat, sparks, flames and other ignition sources. Ensure ventilation is sufficient to prevent a build-up of vapour.
- Safe Storage:** Store in cool, dry, well-ventilated area away from sources of heat or ignition. This product should be stored away from food, drink and animal feeding stuffs. Keep containers closed at all times and check regularly for leaks.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- National Exposure Standards:** No exposure standards have been established for this material by SWA.
- Biological Limit Values:** No biological limit allocated.
- Engineering Controls:** A local and/or general exhaust ventilation system is recommended to keep employee exposures as low as possible. The use of a local ventilation system (drawing vapours/mists away from workers breathing zone) is preferred. If cured material made from this product is to be cut or sanded, ensure that the dust is kept below the Worksafe Exposure Standard for respirable dusts (10mg/m<sup>3</sup>) or the ACGIH Exposure Standard for respirable dusts (3mg/m<sup>3</sup>).
- Personal Protection Equipment:** Wear laminated film, nitrile or other suitable gloves conforming to ASA/NZS 2161: Occupational protective gloves. Suitable protective footwear, e.g. cotton overalls buttoned at neck and wrists. Safety glasses with side shields or chemical goggles should be worn. If engineering controls are not effective in controlling airborne exposure then an approved

# MATERIAL SAFETY DATA SHEET

## CHEMCOTE AQUA 2000 PART B



respirator with a replaceable vapour/mist filter should be used. Reference should be made to Australian Standards AS/NZS 1715, Selection Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                      |                              |
|--------------------------------------|------------------------------|
| <b>Appearance</b>                    | Coloured, thixotropic liquid |
| <b>Odour</b>                         | Mild amine                   |
| <b>Boiling Point</b>                 | Not available                |
| <b>Vapour Pressure</b>               | Not available                |
| <b>Vapour Density</b>                | Not available                |
| <b>Evaporation Rate</b>              | Not available                |
| <b>Solubility in Water</b>           | Soluble                      |
| <b>Solubility (Aromatic solvent)</b> | Insoluble                    |
| <b>Specific Gravity</b>              | 1.0                          |
| <b>Flash Point</b>                   | >100°C                       |

### 10. STABILITY AND REACTIVITY

|                                   |   |
|-----------------------------------|---|
| <b>Chemical Stability:</b>        | Stable under normal conditions of use. Avoid storage conditions that heat the product above 40°C. Keep containers closed when not in use. |
| <b>Decomposition Temperature:</b> | > 250°C   |
| <b>Conditions To Avoid:</b>       | Note: Take necessary action to avoid static electricity discharge.  |
| <b>Incompatible Materials:</b>    | Strong oxidising agents, acids and bases.   |

# MATERIAL SAFETY DATA SHEET

## CHEMCOTE AQUA 2000 PART B



|                                |  |
|--------------------------------|--|
| <b>Hazardous Decomposition</b> | Burning produces obnoxious and toxic fumes. Carbon oxides. Nitrogen oxides (NO <sub>x</sub> ). Product will not decompose explosively. |
| <b>Products:</b>               |  |
| <b>Polymerisation:</b>         | Polymerisation reactions are unlikely; they are not expected to occur.   |

### 11. TOXICOLOGICAL INFORMATION

|                                   |  |
|-----------------------------------|--|
| <b>Acute Oral Toxicity:</b>       | Remarks: No adverse health effects expected, however, large amounts may cause nausea and vomiting.   |
| <b>Acute Inhalation Toxicity:</b> | Remarks: Where product is used in poorly ventilated areas, and/or in confined spaces and/or at elevated temperatures, vapours may be irritating to the respiratory system. |
| <b>Eye irritation:</b>            | Severe eye irritation – rabbit   |
| <b>Skin irritation:</b>           | Irritating – rabbit – dermal   |
| <b>Sensitisation:</b>             | Causes sensitisation – guinea pig – dermal   |
| <b>Further Information:</b>       | Chronic exposure: Product is a skin sensitiser. Repeated or prolonged skin contact may in allergic contact dermatitis.   |

### 12. ECOLOGICAL INFORMATION

Specific data for this product is not available. However, avoid subsoil penetration. Prevent product from entering drains. Do not contaminate surface water.

### 13. DISPOSAL CONSIDERATIONS

# MATERIAL SAFETY DATA SHEET

## CHEMCOTE AQUA 2000 PART B



**Waste Disposal:** Dispose of in accordance with Local, State and Federal regulations. In some areas certain wastes must be tracked. The hierarchy of controls that the user should always investigate: reduce, re-use and recycle and only if all else fails should disposal be considered i.e. controlled incineration, or landfill.

### 14. TRANSPORT

**Transport:** Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**Storage and Transport:** Not classified as Dangerous Goods.

### 15. REGULATORY INFORMATION

**Hazardous according to the criteria of SWA**

**Poisons Schedule:** S5

**Hazard Category:** Harmful, Corrosive

|                    |        |  |
|--------------------|--------|--|
| <b>R-Phase(s):</b> | R38    | Irritant to skin   |
|                    | R41    | Risk of serious damage to eyes   |
|                    | R43    | May cause sensitisation by skin contact  |
|                    | R52/53 | Harmful to aquatic organisms, may cause Long-term adverse effects in the aquatic environment |
| <b>S-Phase(s):</b> | S24    | Avoid contact with skin  |

# MATERIAL SAFETY DATA SHEET

## CHEMCOTE AQUA 2000 PART B



|     |  |
|-----|--|
| S26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice |
| S38 | If insufficient ventilation wear suitable respiratory equipment                              |

### 16. OTHER INFORMATION

**Reason for Issue:** 5 year update.

#### **Acronyms:**

|                      |  |
|----------------------|--|
| <b>ACGIH</b>         | American Conference of Governmental Industrial Hygienists  |
| <b>CAS number</b>    | Chemical Abstracts Service Registry Number   |
| <b>Hazchem Code:</b> | Emergency action code of numbers and letters that provide  |
| <b>IARC</b>          | International Agency for Research on Cancer Information to emergency services, especially fire fighters. |
| <b>SWA</b>           | Safe Work Australia  |
| <b>NOHSC</b>         | National Occupational Health and Safety Commission   |
| <b>NTP</b>           | National Toxicology Program (USA)  |
| <b>SUSDP</b>         | Standard for the Uniform Scheduling of Drugs & Poisons   |
| <b>UN Number</b>     | United Nations Number  |