

MATERIAL SAFETY DATA SHEET

CHEMCOTE AQUA 3000 PART B



1. IDENTIFICATION

Product Name: CHEMCOTE AQUA 3000 PART B

Other Names: Not applicable

Recommended Use: Hardener component of a two-pack water based epoxy sealer and waterproofing membrane. 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 ADG Code.

Risk Phases:
R43 May cause sensitisation by skin contact

Safety Phases:
S2 Keep out of reach of children
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

MATERIAL SAFETY DATA SHEET

CHEMCOTE AQUA 3000 PART B



S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S61	Avoid release to the environment. Refer to special Instructions/ Material Safety Data Sheets

3. COMPOSITION: Information on Ingredients

Chemical Characterization: Coloured viscous liquid

Chemical Ingredient	<u>CAS No.</u>	<u>Proportion</u>
Aliphatic Amine		10-30%
Other ingredients determined to be not hazardous to 100%.		

4. FIRST AID MEASURES

General Information:	Keep the victim calm
Ingestion:	Immediately give plenty of water (if possible charcoal slurry). If a person vomits when lying on his back, place him in the Recovery position. Oxygen or artificial respiration if needed. Do not induce vomiting.
Eye Contact:	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.
Skin Contact:	Remove contaminated clothing and launder before re-use. Wash affected skin areas with soap and water. Do not use Solvents. If irritation persists seek medical attention.
Inhalation:	Remove from source of contamination or move to fresh air. If symptoms persist, call a physician.
First Aid Facilities:	Eye wash station, safety shower and normal wash room facilities.
Advice to Doctor:	Contact Poisons Information Centre. In Australia phone 131126

MATERIAL SAFETY DATA SHEET

CHEMCOTE AQUA 3000 PART B



5. FIRE FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

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

MATERIAL SAFETY DATA SHEET

CHEMCOTE AQUA 3000 PART B



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/m³) or the ACGIH Exposure Standard for respirable dusts (3mg/m³).
- 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 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.

MATERIAL SAFETY DATA SHEET

CHEMCOTE AQUA 3000 PART B



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Coloured, soft thixotropic paste
Odour	Mild amine
Boiling Point	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Evaporation Rate	Not available
Solubility in Water	Soluble
Solubility (Aromatic solvent)	Insoluble
Specific Gravity	1.3
Flash Point	>100°C

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of use. Avoid storage conditions that heat the product above 40°C. Keep containers closed when not in use.
Decomposition Temperature:	> 250°C
Conditions To Avoid:	Note: Take necessary action to avoid static electricity discharge.
Incompatible Materials:	Strong oxidising agents, acids and bases.
Hazardous Decomposition Products:	Burning produces obnoxious and toxic fumes. Carbon oxides. Nitrogen oxides (NOx). Product will not decompose explosively.
Polymerisation:	Polymerisation reactions are unlikely; they are not expected to occur.

MATERIAL SAFETY DATA SHEET

CHEMCOTE AQUA 3000 PART B



11. TOXICOLOGICAL INFORMATION

Acute oral toxicity:	Remarks: No adverse health effects expected, however, large amounts may cause nausea and vomiting.
Acute inhalation toxicity:	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.
Eye irritation:	Severe eye irritation – rabbit
Skin irritation:	Irritating – rabbit – dermal
Sensitisation:	Causes sensitisation – guinea pig – dermal
Further information:	Chronic exposure: Product is a skin sensitiser. Repeated or prolonged skin contact may result 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

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.
------------------------	---

MATERIAL SAFETY DATA SHEET

CHEMCOTE AQUA 3000 PART B



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: Irritant

R-Phase:

R43 May cause sensitisation by skin contact

S-Phase(s):

S2 Keep out of reach of children
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S61 Avoid release to the environment. Refer to special instructions/ Material Safety Data Sheets.

MATERIAL SAFETY DATA SHEET

CHEMCOTE AQUA 3000 PART B



16. OTHER INFORMATION

Reason for Issue: 5 year update.

Acronyms:

ACGIH	American Conference of Governmental Industrial Hygienists
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code:	Emergency action code of numbers and letters that provide
IARC	International Agency for Research on Cancer Information to emergency services, especially fire-fighters.
ADG	Australian Dangerous Goods
SWA	Safe Work Australia
NOHSC	National Occupational Health and Safety Commission