

Infosafe No™ LQ1A4

Issue Date : June 2012

ISSUED by PARCHEMC

Product Name : **FOSROC CONBEXTRA EP65 PLUS HARDENER**

Classified as hazardous

1. Identification

| | |
|--|---|
| GHS Product Identifier | FOSROC CONBEXTRA EP65 PLUS HARDENER |
| Company Name | Parchem Construction Supplies Pty Ltd (ABN 80 069 961 968) |
| Address | 7 Lucca Road Wyong NSW 2259 Australia |
| Telephone/Fax Number | Tel: 02 4350 5000 Fax: 02 4351 2024 |
| Emergency phone number | 1800 638 556 (available 24/7) |
| Recommended use of the chemical and restrictions on use | Base component of epoxy grout. |
| Other Information | <p>This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Parchem Construction Supplies Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.</p> <p>If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.</p> <p>www.parchem.com.au</p> |

2. Hazard Identification

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| GHS classification of the substance/mixture | <p>Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.</p> <p>Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)</p> <p>Acute Toxicity - Dermal: Category 4 Acute Toxicity - Inhalation: Category 4 Acute Toxicity - Oral: Category 4 Skin Corrosion/Irritation: Category 1B Eye Damage/Irritation: Category 2A Sensitization - Skin: Category 1 Hazardous to the Aquatic Environment - Acute Hazard: Category 3 Hazardous to the Aquatic Environment - Long-Term Hazard: Category 3</p> |
| Signal Word (s) | Danger |
| Hazard Statement (s) | <p>H302: Harmful if swallowed. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H332: Harmful if inhaled. H412: Harmful to aquatic life with long lasting effects.</p> |
| Pictogram (s) | Corrosion, Exclamation mark |



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| Precautionary statement - Prevention | <p>P260a: Do not breathe dusts or mists. P264: Wash skin thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P271: Use only outdoors or in a well-ventilated area.</p> |
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Precautionary statement – Response

P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment. Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

GENERAL:

P310: Immediately call a POISON CENTER/doctor.

SKIN:

P302+P352: IF ON SKIN: Wash with plenty of water.

P362+P364: Take off contaminated clothing and wash it before reuse.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

INGESTION:

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

INHALATION:

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

EYES:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to remove. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

P405 Store locked up.

Precautionary statement – Storage

Precautionary statement – Disposal

P501 Dispose of contents/container to an approved waste disposal plant

3. Composition/information on ingredients

| Ingredients | Name | CAS | Proportion |
|-------------|--|--------------|------------|
| | Isophoronediamine | 2855-13-2 | 30-60 % |
| | Benzyl Alcohol | 100-51-6 | 30-60 % |
| | 2,4,6-Tris(dimethylaminomethyl) phenol | 90-72-2 | 10-30 % |
| | Salicyclic acid | 69-72-7 | <10 % |
| | Other ingredients determined not to be hazardous | Not required | Balance |

4. First-aid measures

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| Inhalation | If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Seek medical attention. |
| Ingestion | Do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention. |
| Skin | If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Ensure contaminated clothing is washed before re-use or discard. Seek immediate medical attention. |
| Eye contact | If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention. |
| First Aid Facilities | Eye wash, safety shower and normal washroom facilities. |
| Advice to Doctor | Treat symptomatically. |
| Other Information | For advice, contact a Poisons Information Centre (Phone eg Australia 131 126; New Zealand 0800 764 766) or a doctor (at once). |

5. Fire-fighting measures

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| Suitable extinguishing media | Use carbon dioxide, dry chemical, foam or water mist. |
| Hazards from Combustion Products | Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide and oxides of nitrogen. |

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| Specific hazards arising from the chemical | Not flammable |
| Hazchem Code | 2X |
| Precautions in connection with Fire | Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode. Water spray may be used to keep fire exposed containers cool. |

6. Accidental release measures

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| Emergency Procedures | Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations. |
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7. Handling and storage

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| Precautions for Safe Handling | Corrosive liquid. Attacks skin and eyes. May produce severe burns. Wear suitable protective clothing, gloves and eye/face protection when mixing and using. Use in designated areas with adequate ventilation. Avoid breathing in vapours, mist or fumes. Keep containers closed when not in use. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous. Prevent the build up of mists or vapours in the work atmosphere. Keep containers sealed when not in use. |
| Conditions for safe storage, including any incompatibilities | Corrosive liquid for storage and handling purposes. Keep tightly closed in a dry, cool, well-ventilated area, out of direct sunlight. Provide a catch-tank in a bunded area. Avoid sparks, flames and other ignition sources. Store away from incompatible materials. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. For information on the design of the store-room reference should be made to Australian Standard AS 3780-2008 The storage and handling of corrosive substances. Reference should also be made to all Local, State and Federal regulations. |

8. Exposure controls/personal protection

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| Occupational exposure limit values | No exposure standards have been established for this material by Safe Work, Australia. However, as with all chemicals, exposure should be kept to the lowest possible levels. |
| Biological Limit Values | No biological limit allocated. |
| Appropriate engineering controls | Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required. |
| Respiratory Protection | If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependent upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. 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. |
| Eye Protection | Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary |

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| Hand Protection | according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications. |
| Body Protection | Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance. Suitable workwear should be worn to protect personal clothing, eg cotton overalls buttoned at neck and wrist. When large quantities are handled the use of plastic aprons and rubber boots is recommended. |

9. Physical and chemical properties

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| Appearance | Light brown liquid (low viscosity) |
| Odour | Not available |
| Melting Point | Not available |
| Boiling Point | Not available |
| Solubility in Water | Insoluble |
| Specific Gravity | 1.0 (23°C) |
| pH | Not available |
| Vapour Pressure | Not available |
| Vapour Density (Air=1) | Not available |
| Evaporation Rate | Not available |
| Odour Threshold | Not available |
| Viscosity | Not available |
| Partition Coefficient: n-octanol/water | Not available |
| Flash Point | >100°C (PMCC) |
| Flammability | Non-flammable |
| Auto-Ignition Temperature | Not available |
| Flammable Limits - Lower | Not available |
| Flammable Limits - Upper | Not available |

10. Stability and reactivity

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| Chemical Stability | Stable under normal conditions. |
| Conditions to Avoid | Heat, flames and other ignition sources. |
| Incompatible Materials | Strong oxidising agents. |
| Hazardous Decomposition Products | Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including carbon dioxide, carbon monoxide and oxides of nitrogen. |
| Hazardous Polymerization | Will not occur. |

11. Toxicological Information

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|-------------------------------|---|
| Toxicology Information | No toxicity data available for this material. |
| Ingestion | Harmful if swallowed. Ingestion of this product may cause nausea, vomiting, abdominal pain and chemical burns to the mouth, throat and stomach. |
| Inhalation | Harmful by inhalation. Inhalation of mists or vapours will result in |

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| Skin | respiratory irritation and possible harmful corrosive effects including lesions of the nasal septum, pulmonary edema, pneumonitis and emphysema. Causes burns. Corrosive to the skin. Skin contact can cause redness, itching, irritation, severe pain and chemical burns with resultant tissue destruction. Skin contact will cause redness, itching, irritation, severe pain and chemical burns with resultant tissue destruction. Harmful in contact with skin. Prolonged or repeated skin contact may cause defatting leading to skin burns and skin sensitisation. |
| Eye | Eye contact can cause stinging, blurring, tearing, severe pain and possible permanent corneal damage. |
| Respiratory sensitisation | Not expected to be a respiratory sensitiser. |
| Skin Sensitisation | May cause an allergic skin reaction. |
| Germ cell mutagenicity | Not considered to be a mutagenic hazard. |
| Carcinogenicity | Not considered to be a carcinogenic hazard. |
| Reproductive Toxicity | Not considered to be toxic to reproduction. |
| STOT-single exposure | Not expected to cause damage to organs. |
| STOT-repeated exposure | Not expected to cause damage to organs. |
| Aspiration Hazard | Not expected to be an aspiration hazard. |

12. Ecological information

| | |
|--------------------------------------|---|
| Ecotoxicity | Harmful to aquatic life with long lasting effects. |
| Persistence and degradability | Not available |
| Mobility | Not available |
| Bioaccumulative Potential | Not available |
| Environmental Protection | Do not discharge this material into waterways, drains and sewers. |

13. Disposal considerations

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| Disposal Considerations | Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations. |
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14. Transport information

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|------------------------------|---|
| Transport Information | <p>Road and Rail Transport: This material is classified as a Class 8 (Corrosive Substances) Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition). Class 8 Dangerous Goods are incompatible in a placard load with any of the following:</p> <ul style="list-style-type: none"> - Class 1, Explosives - Division 4.3, Dangerous When Wet Substances - Division 5.1, Oxidising Agents - Division 5.2, Organic Peroxides - Class 6, Toxic or Infectious Substances, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids - Class 7, Radioactive Substances <p>and are incompatible with food and food packaging in any quantity. Strong acids must not be loaded in the same freight container or on the same vehicle with strong alkalis. Packing Group I and II acids and alkalis should be considered as strong.</p> <p>Marine Transport (IMO/IMDG):</p> |
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Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No.: 2735

Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS ISOPHORONEDIAMINE)

Class: 8

Packaging Group: III

EMS No.: F-A, S-B

Air Transport (ICAO/IATA):

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No: 2735

Proper Shipping Name: Amines, liquid, corrosive, n.o.s. (Contains Isophoronediamine)

Class: 8

Packing Group: III

Label: Corrosive

Packing Instruction: 852 (For passenger and cargo aircraft)

Packing Instruction: 856 (For cargo aircraft only)

Special provisions: A3, A803

2735

U.N. Number

UN proper shipping name

AMINES, LIQUID, CORROSIVE, N.O.S. - (CONTAINS Isophoronediamine)

Transport hazard class(es)

8

Hazchem Code

2X

Packing Group

III

EPG Number

8A1

IERG Number

36

IMDG Marine pollutant

No

15. Regulatory information

Regulatory Information

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule

S5

AICS (Australia)

All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempted.

16. Other Information

Date of preparation or last revision of SDS

SDS Amendment: December 2012

Section 3

SDS Created: June 2012

Contact Person/Point

Technical Support: 1800 812 864

...End Of MSDS...

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