SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: OMNIGRIP EP 175 PART B

Proper Shipping Name: Amines, liquid corrosive, N.O.S. or polyamines, liquid, corrosive, N.O.S.

Product Code(s): EP175-10B (10 Kg Pail)  
EP175-1000B (1000 Kg IBC)

Use: OMNIGRIP EP 175 PART B is used in conjunction with OMNIGRIP 176 PART A to form an epoxy floor coating.

Supplier: Omnicrete Pty Ltd  
PO Box 79, Eltham, Victoria 3095  
Tel: 1300 851 523

SECTION 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:
Hazardous according to the criteria of NOHSC. This material has been classified as Harmful (Xn), Corrosive (C) and Dangerous for the Environment (N).

Risk phrase(s):
R22  Harmful if swallowed.
R34  Causes burns.
R41  Risk of serious damage to eyes.
R43  May cause sensitisation by skin contact.
R51  Toxic to aquatic organisms.
R53  May cause long term adverse effects in the aquatic environment.

Safety phrase(s):
S26  In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S27  Take off immediately all contaminated clothing.
S28  After contact with skin, wash immediately with plenty of soap suds.
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 whenever possible).
S60  This material and its container must be disposed of as hazardous waste.
S61  Avoid release to the environment. Refer to special instructions / safety data sheets.

DANGEROUS GOODS INFORMATION:
Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Class: 8 - Corrosive substance

SUSDP POISON SCHEDULE: 5
SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:

<table>
<thead>
<tr>
<th>CHEMICAL ENTITY</th>
<th>CAS NO.</th>
<th>PROPORTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alkyl Phenol</td>
<td>[68555-24-8]</td>
<td>30-60% w/w</td>
</tr>
<tr>
<td>Diethylenetriamine</td>
<td>[111-40-0]</td>
<td>10 - 30% w/w</td>
</tr>
<tr>
<td>Napthenic Acid</td>
<td>[1338-24-5]</td>
<td>5 – 10% w/w</td>
</tr>
</tbody>
</table>

SECTION 4. FIRST AID MEASURES

Ingestion: If swallowed, do not induce vomiting. Seek immediate medical attention or contact a Poisons Information Centre (Phone 13 11 26).

Skin: Remove contaminated clothing and wash affected areas with plenty of soap and water, then methylated spirit if available. If irritation or blistering occurs, seek medical attention.

Eyes: Hold eyes open and flush with water for at least 15 minutes. Seek medical attention or contact a Poisons Information Centre (Phone 13 11 26).

Inhalation: If inhaled, remove from contaminated area. For all but the most minor symptoms, arrange for patient to be seen by a doctor.

Advice to doctor: Treat symptomatically.

First Aid Facilities: Eye wash and safety shower

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide, foam, dry chemical.

Hazards from combustion products: Combustible liquid. In a fire, it will emit toxic fumes of Oxides of carbon and oxides of nitrogen.

Precautions for fire fighters and special protective equipment: If there is a risk of exposure to vapour or products of combustion, then fire-fighters should wear full protective clothing and self-contained breathing apparatus. Keep containers cool with water spray to minimize further damage.

Hazchem Code: 2X
SECTION 6. ACCIDENTAL RELEASE MEASURES

Wear impervious gloves, chemical goggles and waterproof boots. Contain and collect spillage with inert absorbent materials (e.g. sand, earth, vermiculite). Transfer to sealable containers suitable for storing spilled material. Use a polar organic solvent to clean up areas in contact with spilled material. Do not contaminate watercourse. Dispose of residues in chemical waste disposal area in accordance with relevant State and Federal requirements.

SECTION 7. HANDLING AND STORAGE

Safe Handling: Observe recommendations made under SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION. Wear neoprene rubber gloves and chemical splash goggles. Avoid breathing vapours. Do not enter confined spaces where vapour may have collected. Upon mixing PART B with PART A, the adhesive will release heat and begin to cure. Do not cut, heat or weld empty containers, as they may contain product residues which may ignite. If the cured material is cut or dry sanded, wear an approved particulate respirator.

Storage: Store indoors in a cool, dry, well ventilated area. Keep containers sealed when not in use. Protect from physical damage. Store according to relevant State Dangerous Goods Storage Requirements. This product is classified as a C1, Combustible Liquid. Refer to AS 1940: The Storage and Handling of Flammable and Combustible Liquids.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards: TWA: 1 ppm (4.2 mg/m³) as diethylenetriamine

Engineering controls: A local mechanical exhaust system is required where vapour or mist is being generated

Personal protective equipment: Use good industrial hygiene. Avoid contact with skin and eyes. Wear suitable protective clothing, safety footwear, neoprene rubber gloves and chemical splash goggles or full face shield. Use in a well ventilated area. If inhalation risk exists, wear an organic vapour respirator complying with the requirements of AS 1715 and AS 1716.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical data:
Appearance: Clear dark brown liquid.
Specific gravity: 0.99-1.02 @ 20°C
Solubility: Insoluble in water
Flash point: > 200°C
Odour: Amine / Ammonia
SECTION 10.    STABILITY AND REACTIVITY

Chemical stability:   Stable under normal conditions of temperature and pressure.
Conditions to avoid:   Avoid high temperatures.
Incompatible materials:   Keep away from acids and oxidising agents.
Hazardous decomposition products:   When heated to decomposition, it will emit toxic fumes of oxides of carbon and oxides of nitrogen.
Hazardous reactions:   This product will not polymerise by itself, but irreversible polymerisation will occur with epoxy resin.

SECTION 11.    TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:
Acute:
Ingestion:   If swallowed, this product will cause serious burns to the mouth, throat and digestive tract. Other symptoms may include nausea, vomiting, diarrhoea, drowsiness and abdominal pain.

Skin:   Contact with skin causes burns. This product may cause skin sensitisation.

Eyes:   Liquid contact with the eyes can cause corneal burns which may result in serious eye damage.

Inhalation:   Inhalation of vapour may cause respiratory irritation, headache, dizziness and coughing.

Chronic:   This product may cause superficial skin damage.

Toxicity information:   Acute Oral LD$_{50}$ (rat): 1080 mg/kg as diethylenetriamine
Acute Oral LD$_{50}$ (rat): 1230 mg/kg as benzyl alcohol

SECTION 12.    ECOLOGICAL INFORMATION

Avoid contaminating waterways and soil. This material is toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

SECTION 13.    DISPOSAL CONSIDERATIONS

Disposal of this material should be undertaken by a registered chemical disposal company. Containers should be drained thoroughly and then recycled or disposed of by a registered contractor.
SECTION 14. TRANSPORT INFORMATION

UK Road Class  8
Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S.or POLYAMINES, LIQUID CORROSIVE, N.O.S.
UN NO. Road  2735  UK ROAD PACK GR II
ADR Class No.  8  ADR CLASS II
ADR Pack Group  II  Hazard No. (ADR)  80
ADR Label No.  8  Hazchem Code  2X
CEFIC TEC(R) No.  80GC7-II+III  RID Class No.  8
RID Pack Group  II  UN No. Sea  2735
IMDG Class  8  IMDG Page No.  8
IMDG Pack Group  II  EMS F-A, S-B
MFAG See Guide Marine Pollutant No.
UN No. Air  2735  Air Class  8
Air Pack Group  II

Emergency Information: Dangerous Goods - Initial Emergency Response Guide (SAA/SNZ HB 76) or EPG 8A1

SECTION 15. REGULATORY INFORMATION

SUSDP POISON SCHEDULE:  5.

SECTION 16. OTHER INFORMATION

Abbreviations/acronyms:
NOHSC - National Occupational Health and Safety Commission
SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons
TWA - Time-weighted average
DISCLAIMER:

The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by Omnicrete Pty Ltd but only as an approximate guide to the content of hazardous ingredients in the material. The information contained herein does not constitute a guarantee by Omnicrete Pty Ltd concerning the properties of the material.

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