

DATE OF ISSUE: 24th DECEMBER 2007

BARMAC INDUSTRIES PTY LTD
BOX FLAT ESTATE SWANBANK RD. SWANBANK Q 4306

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: BARMAC DIAMOND GRINDING GEL (various)

PHONE: (07) 3280 3000

EMERGENCY AFTER HOURS NUMBER: (07) 3280 3000

Not classified as hazardous by Worksafe Australia Criteria

IDENTIFICATION

OTHER NAMES: Nil

USE: Lapping vehicle.

UN NUMBER: N/A

HAZCHEM CODE: N/A

DANGEROUS GOODS CLASS: N/A

POISONS SCHEDULE: N/A

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE: Dark grey with silver flecking, extremely viscous and tacky. Odourless

FLASHPOINT (°C): N/A

BOILING POINT (°C): > 100°C

FLAMMABILITY LIMITS (%): N/A

VAPOUR PRESSURE (___): not determined

SOLUBILITY IN WATER (g/L): 90%

SPECIFIC GRAVITY: 1.2 g/mL at 25°C

FREEZING/MELTING POINT: not determined

VAPOUR DENSITY: >1.000 @ air=1

% VOLITILE BY VOLUME: 10 – 50%

INGREDIENTS

| <u>CHEMICAL ENTITY</u> | <u>CAS NO</u> | <u>PROPORTION</u> |
|------------------------|---------------|-------------------|
| Silicon carbide | 409-21-2 | |
| Propylene glycol | 57-55-6 | |

HEALTH HAZARD INFORMATION

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HEALTH EFFECTS

ACUTE:

SWALLOWED: Not expected to result in harmful effects

EYES: May cause moderate irritation. Symptoms include stinging, tearing and redness

SKIN: Prolonged or repeated exposure may cause slight skin irritation. A single prolonged exposure is not likely to result in skin absorbing harmful amounts.

INHALED: May cause irritation of nose and throat, accompanied by cough and chest pain if mist or dust is inhaled.

CHRONIC:

FIRST AID

SWALLOWED: Unlikely route of exposure. Seek medical advice if symptoms develop.

EYES: If in eyes, flood with copious amounts of clear, cool running water for at least 15 minutes. Hold the eyelids apart during the flushing to ensure rinsing of the entire surface of the eyes and lids with water and see a doctor.

SKIN: Wash skin with and clean water or shower.

INHALED: Unlikely route of exposure. If symptoms develop move individual away from exposure source and into fresh air. Seek medical advise if symptoms persist.

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PRECAUTIONS FOR USE

SKIN PROTECTION: For brief contact no protection other than clean body covering should be needed. Use gloves impervious to this material when prolonged or frequent repeated contact should occur.

EYE PROTECTION: Use safety glasses. Where contact with material is likely chemical goggles are recommended because eye contact may cause discomfort even though it is unlikely to cause injury

VENTILATION Local exhaust ventilation may be necessary for some operations.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT: Store product in original container in a cool, dry, locked place out of the reach of children and pets and away from direct sunlight. Keep container closed. Store away from food, feed, drink or any items intended for human or animal consumption.

SPILLS AND DISPOSAL: Isolate area. Contain liquid to prevent contamination of soil, surface water or groundwater. Dispose of containers by puncturing top, bottom and sides, then crush and bury in an approved landfill or by burying under at least 600mm of soil in non-crop, non-pasture area away from water sources or homes

FIRE/EXPLOSION HAZARD: No unusual fire or explosion hazards exist. Use of water or fine spray, carbon dioxide, dry chemical foam, alcohol resistant foams preferred extinguishing media. Do not use direct water stream.

CHEMICAL STABILITY & REACTIVITY

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STABILITY: Stable under recommended storage conditions.

INCOMPATIBILITY: Avoid contact with strong oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Does not normally decompose.

HAZARDOUS POLYMERISATION: Will not occur

NOTICE: Information for this product is believed to be reliable, however buyer and user assume all risk of use, handling and storage whether in accordance with directions or not. Barmac Industries Pty Ltd and its agents give no guarantee or warranty of any kind express or implied concerning the use of this product and will not accept any responsibility whatsoever whether in contract or tort for any loss including consequential loss arising out of the use of this product or caused by this product.
