

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

### 1.1 Product identifier

**Product name** GEOGRIP PART B

**Synonyms**

### 1.2 Uses and uses advised against

**Uses** JOINT ADHESIVE

### 1.3 Details of the supplier of the product

**Supplier name** CDK STONE PTY LTD

**Address** 4 - 6 Freighter Rd, Moorabbin, VIC, 3189, AUSTRALIA

**Telephone** (03) 8552 6000

**Fax** (03) 8552 6001

**Email** [help@cdkstone.com.au](mailto:help@cdkstone.com.au)

**Website** <http://www.cdkstone.com.au>

### 1.4 Emergency telephone numbers

**Emergency** 13 11 26

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

#### Physical Hazards

Not classified as a Physical Hazard

#### Health Hazards

Skin Corrosion/Irritation: Category 2

Skin Sensitisation: Category 1

Serious Eye Damage / Eye Irritation: Category 2A

#### Environmental Hazards

Not classified as an Environmental Hazard

### 2.2 GHS Label elements

**Signal word** WARNING

**Pictograms**



#### Hazard statements

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

## PRODUCT NAME    GEOGRIP PART B

### Prevention statements

P261                      Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264                      Wash thoroughly after handling.  
P272                      Contaminated work clothing should not be allowed out of the workplace.  
P280                      Wear protective gloves/protective clothing/eye protection/face protection.

### Response statements

P302 + P352            IF ON SKIN: Wash with plenty of water.  
P305 + P351 + P338   IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
  
P321                      Specific treatment is advised - see first aid instructions.  
P333 + P313            If skin irritation or rash occurs: Get medical advice/attention.  
P337 + P313            If eye irritation persists: Get medical advice/attention.  
P362 + P364            Take off contaminated clothing and wash it before reuse.

### Storage statements

None allocated.

### Disposal statements

P501                      Dispose of contents/container in accordance with relevant regulations.

### 2.3 Other hazards

No information provided.

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## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

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### 3.1 Substances / Mixtures

| Ingredient                                  | CAS Number  | EC Number | Content   |
|---|-------------|-----------|-----------|
| EP(EPOXY RESIN)                             | 38891-59-7  | -         | 90 to 95% |
| BENZOYL PEROXIDE                            | 94-36-0     | 202-327-6 | 1 to 5%   |
| SILICA, AMORPHOUS - FUMED, CRYSTALLINE FREE | 112945-52-5 | 601-216-3 | 1 to 5%   |

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## 4. FIRST AID MEASURES

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### 4.1 Description of first aid measures

**Eye**                      If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

**Inhalation**              If inhaled, remove from contaminated area. To protect rescuer, use a Type A (Organic vapour) respirator or an Air-line respirator (in poorly ventilated areas). Apply artificial respiration if not breathing.

**Skin**                      If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

**Ingestion**              For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.

**First aid facilities**      Eye wash facilities and safety shower should be available.

### 4.2 Most important symptoms and effects, both acute and delayed

Irritating to the eyes and skin. May cause sensitisation by skin contact.

### 4.3 Immediate medical attention and special treatment needed

Treat symptomatically.

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## 5. FIRE FIGHTING MEASURES

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### 5.1 Extinguishing media

Dry agent, carbon dioxide or water fog. Prevent contamination of drains and waterways.

### 5.2 Special hazards arising from the substance or mixture

Combustible. May evolve toxic gases (carbon/ nitrogen oxides, hydrocarbons) when heated to decomposition.

### **5.3 Advice for firefighters**

Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

### **5.4 Hazchem code**

None allocated.

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## **6. ACCIDENTAL RELEASE MEASURES**

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### **6.1 Personal precautions, protective equipment and emergency procedures**

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Clear area of all unprotected personnel. Ventilate area where possible. Contact emergency services where appropriate.

### **6.2 Environmental precautions**

Prevent product from entering drains and waterways.

### **6.3 Methods of cleaning up**

Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. Eliminate all sources of ignition.

### **6.4 Reference to other sections**

See Sections 8 and 13 for exposure controls and disposal.

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## **7. HANDLING AND STORAGE**

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### **7.1 Precautions for safe handling**

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

### **7.2 Conditions for safe storage, including any incompatibilities**

Store in a cool, dry, well ventilated area, removed from incompatible substances, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Large storage areas should have appropriate ventilation and fire protection systems.

### **7.3 Specific end uses**

No information provided.

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## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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### **8.1 Control parameters**

#### **Exposure standards**

| Ingredient                     | Reference | TWA |                   | STEL |                   |
|--------------------------------|-----------|-----|-------------------|------|-------------------|
|                                |           | ppm | mg/m <sup>3</sup> | ppm  | mg/m <sup>3</sup> |
| Benzoyl peroxide               | SWA [AUS] | --  | 5                 | --   | --                |
| Fumed silica (respirable dust) | SWA [AUS] | --  | 2                 | --   | --                |

#### **Biological limits**

No biological limit values have been entered for this product.

### **8.2 Exposure controls**

**Engineering controls**    Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended.

**PPE**

|                    |  |
|--------------------|--|
| <b>Eye / Face</b>  | Wear splash-proof goggles.   |
| <b>Hands</b>       | Wear PVA or Viton® or nitrile gloves.  |
| <b>Body</b>        | Wear coveralls.  |
| <b>Respiratory</b> | Where an inhalation risk exists, wear a Type A (organic vapour) / Organic vapour respirator. If sanding dry product, wear a Class P1 (particulate) / N95 respirator. If spraying, with prolonged use, or if in confined areas, wear a Full-face Type A-Class P1 (organic vapour and particulate) / Organic vapour P100 respirator. |



## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|                                  |                        |
|----------------------------------|------------------------|
| <b>Appearance</b>                | CLEAR COLOURLESS PASTE |
| <b>Odour</b>                     | SLIGHT ODOUR           |
| <b>Flammability</b>              | CLASS C2 COMBUSTIBLE   |
| <b>Flash point</b>               | > 93°C                 |
| <b>Boiling point</b>             | > 100°C                |
| <b>Melting point</b>             | NOT AVAILABLE          |
| <b>Evaporation rate</b>          | NOT AVAILABLE          |
| <b>pH</b>                        | NOT AVAILABLE          |
| <b>Vapour density</b>            | NOT AVAILABLE          |
| <b>Relative density</b>          | NOT AVAILABLE          |
| <b>Solubility (water)</b>        | SLIGHTLY SOLUBLE       |
| <b>Vapour pressure</b>           | NOT AVAILABLE          |
| <b>Upper explosion limit</b>     | NOT RELEVANT           |
| <b>Lower explosion limit</b>     | NOT RELEVANT           |
| <b>Partition coefficient</b>     | NOT AVAILABLE          |
| <b>Autoignition temperature</b>  | NOT AVAILABLE          |
| <b>Decomposition temperature</b> | NOT AVAILABLE          |
| <b>Viscosity</b>                 | NOT AVAILABLE          |
| <b>Explosive properties</b>      | NOT AVAILABLE          |
| <b>Oxidising properties</b>      | NOT AVAILABLE          |
| <b>Odour threshold</b>           | NOT AVAILABLE          |

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

Carefully review all information provided in sections 10.2 to 10.6.

### 10.2 Chemical stability

Stable under recommended conditions of storage.

### 10.3 Possibility of hazardous reactions

Hazardous polymerisation is not expected to occur.

### 10.4 Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources.

### 10.5 Incompatible materials

Incompatible with oxidising agents (e.g. hypochlorites), acids (e.g. nitric acid), alkalis (e.g. sodium hydroxide), amines, heat and ignition sources.

### 10.6 Hazardous decomposition products

May evolve toxic gases (carbon/ nitrogen oxides, hydrocarbons) when heated to decomposition.

## 11. TOXICOLOGICAL INFORMATION

### **11.1 Information on toxicological effects**

**Acute toxicity** Acute exposure may result in nausea, vomiting, abdominal pain, diarrhoea, dizziness and drowsiness.

**Information available for the ingredients:**

| Ingredient                                  | Oral LD50          | Dermal LD50           | Inhalation LC50 |
|---|--------------------|-----------------------|-----------------|
| BENZOYL PEROXIDE                            | 5700 mg/kg (mouse) | > 1000 mg/kg (mammal) | --              |
| SILICA, AMORPHOUS - FUMED, CRYSTALLINE FREE | 3160 mg/kg (rat)   | --                    | --              |

**Skin** Contact may result in irritation, redness, rash and dermatitis.

**Eye** Contact may result in irritation, lacrimation, pain and redness.

**Sensitisation** Epoxy resins may cause allergic skin reactions. Insufficient data for classification as a respiratory sensitiser.

**Mutagenicity** Not classified as a mutagen.

**Carcinogenicity** Not classified as a carcinogen.

**Reproductive** Not classified as a reproductive toxin.

**STOT - single exposure** Over exposure may result in irritation of the nose and throat, with coughing. High level exposure may result in dizziness, drowsiness and breathing difficulties.

**STOT - repeated exposure** Not classified as causing organ damage from repeated exposure.

**Aspiration** Not classified as causing aspiration.

## **12. ECOLOGICAL INFORMATION**

### **12.1 Toxicity**

No information provided.

### **12.2 Persistence and degradability**

No information provided.

### **12.3 Bioaccumulative potential**

No information provided.

### **12.4 Mobility in soil**

No information provided.

### **12.5 Other adverse effects**

Avoid contamination of drains and waterways.

## **13. DISPOSAL CONSIDERATIONS**

### **13.1 Waste treatment methods**

**Waste disposal** Mix components together (small amounts), absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Ensure protective equipment is worn when mixing. Do not seal containers/tins until reaction is complete. Contact the manufacturer/supplier for additional information (if required). Prevent contamination of drains and waterways as environmental damage may result.

**Legislation** Dispose of in accordance with relevant local legislation.

## **14. TRANSPORT INFORMATION**

**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA**

|                                    | LAND TRANSPORT (ADG) | SEA TRANSPORT (IMDG / IMO) | AIR TRANSPORT (IATA / ICAO) |
|------------------------------------|----------------------|----------------------------|-----------------------------|
| <b>14.1 UN Number</b>              | None allocated.      | None allocated.            | None allocated.             |
| <b>14.2 Proper Shipping Name</b>   | None allocated.      | None allocated.            | None allocated.             |
| <b>14.3 Transport hazard class</b> | None allocated.      | None allocated.            | None allocated.             |
| <b>14.4 Packing Group</b>          | None allocated.      | None allocated.            | None allocated.             |

#### **14.5 Environmental hazards**

Not a Marine Pollutant.

#### **14.6 Special precautions for user**

Hazchem code                      None allocated.

## **15. REGULATORY INFORMATION**

### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

|                           |  |
|---------------------------|--|
| <b>Poison schedule</b>    | Classified as a Schedule 5 (S5) Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).  |
| <b>Classifications</b>    | Safe Work Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals (GHS Revision 7). |
| <b>Inventory listings</b> | <b>AUSTRALIA: AIIC (Australian Inventory of Industrial Chemicals)</b><br>Some components are listed on AIIC, or are exempt.                  |

## **16. OTHER INFORMATION**

|                               |  |
|-------------------------------|--|
| <b>Additional information</b> | <p><b>RESPIRATORS:</b> In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.</p> <p><b>WELDING - SANDING - CUTTING DRIED OR CURED PRODUCT:</b> If sanding, cutting or welding dried or cured product, adverse health effects may be avoided by the use of appropriate engineering controls and/or personal protective equipment. If welding, wear a Class P2 (Metal fume) respirator and depending on the nature of the surface being welded, additional protection (e.g. for organic vapours/acid gas) may also be required. A Class P1 (Particulate) respirator is recommended if dust is generated.</p> <p><b>EPOXY - PHENOXY RESINS AND POLYURETHANES:</b> Where spray painting with two or more component epoxy resins or polyurethane paints is undertaken, an employee shall wear a air-line respirator, full length chemically resistant coveralls and gloves. Further, if an individual is to enter an enclosed booth where a vapour or gas curing process is occurring, an air-line respirator is required. Once cured, these resins are considered non toxic.</p> <p><b>PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:</b><br/>The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as form of product, method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.</p> <p><b>HEALTH EFFECTS FROM EXPOSURE:</b><br/>It should be noted that the effects from exposure to this product will depend on several factors including: form of product; frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.</p> |
|-------------------------------|--|

**Abbreviations**

|                   |   |
|-------------------|---|
| ACGIH             | American Conference of Governmental Industrial Hygienists                                       |
| CAS #             | Chemical Abstract Service number - used to uniquely identify chemical compounds                 |
| CNS               | Central Nervous System  |
| EC No.            | EC No - European Community Number   |
| EMS               | Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)                   |
| GHS               | Globally Harmonized System  |
| GTEPG             | Group Text Emergency Procedure Guide  |
| IARC              | International Agency for Research on Cancer   |
| LC50              | Lethal Concentration, 50% / Median Lethal Concentration   |
| LD50              | Lethal Dose, 50% / Median Lethal Dose   |
| mg/m <sup>3</sup> | Milligrams per Cubic Metre  |
| OEL               | Occupational Exposure Limit   |
| pH                | relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline). |
| ppm               | Parts Per Million   |
| STEL              | Short-Term Exposure Limit   |
| STOT-RE           | Specific target organ toxicity (repeated exposure)  |
| STOT-SE           | Specific target organ toxicity (single exposure)  |
| SUSMP             | Standard for the Uniform Scheduling of Medicines and Poisons                                    |
| SWA               | Safe Work Australia   |
| TLV               | Threshold Limit Value   |
| TWA               | Time Weighted Average   |

**Report status**

This document has been compiled by RMT on behalf of the manufacturer, importer or supplier of the product and serves as their Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, importer or supplier.

While RMT has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

**Prepared by**

Risk Management Technologies  
5 Ventnor Ave, West Perth  
Western Australia 6005  
Phone: +61 8 9322 1711  
Fax: +61 8 9322 1794  
Email: [info@rmtglobal.com](mailto:info@rmtglobal.com)  
Web: [www.rmtglobal.com](http://www.rmtglobal.com)

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