

CEMINTEL®

SAFETY DATA SHEET | CEMINTEL® EXTERNAL JOINTING COMPOUND

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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| Product Name | CEMINTEL® External Jointing Compound |
| Other Names | None |
| Product Codes/Trade Names | n/a |
| Recommended Use | For use as a base coat for jointing external fibre cement walls |
| Applicable In | Australia |
| Supplier | CSR Building Products Limite. ABN 55 008 631 356 |
| Address | Trinity 3, 39 Delhi Road, North Ryde, NSW 2113, Australia |
| Telephone | +61 2 9235 8000 (or 1800 807 668 (available in Australia only) |
| Email Address | www.cemintel.com.au/contact |
| Website | www.cemintel.com.au/ |
| Facsimile | +61 2 9372 5819 |
| Emergency Phone Number | 000 Fire Brigade and Police (available in Australia only) |
| Poisons Information Centre | 13 11 26 (available in Australia only) |

This Safety Data Sheet (SDS) is issued by the Supplier in accordance with National standards and guidelines from Safe Work Australia (SWA - formerly ASCC/NOHSC). The information in it must not be altered, deleted or added to. The Supplier will not accept any responsibility for any changes made to its SDS by any other person or organization. The Supplier will issue a new SDS when there is a change in product specifications and/or Standards, Codes, Guidelines, or Regulations.

SECTION 2: HAZARD IDENTIFICATION

Statement Of Hazardous Nature

Classified as **Non-Hazardous** as delivered, according to the criteria of Safe Work Australia (SWA - formerly ASCC/NOHSC) Approved Criteria For Classifying Hazardous Substances [NOHSC:1008] 3rd Edition.

If the dried product is sanded, drilled, sawn, ground, etc, dust may be generated which is classified as **Hazardous**. Recommendations on Exposure Controls / Personal Protection (see Section 8 below) should be followed.

CEMINTEL External Jointing Compound is classified as **Non-Dangerous** Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

GHS Classification

Not classified as Hazardous. Because this product is classified as Non-Hazardous, a Safety Data Sheet (SDS) is not required under the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) or Australian Regulations. CSR has elected to issue this SDS for the information of users, installers and the community. It has been formatted according to the GHS, as adopted by Safe Work Australia.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

| CHEMICAL NAME | SYNONYMS | PROPORTION | CAS NUMBER |
|----------------------------------|------------|------------|------------|
| Calcium carbonate | Chalkstone | <80% | 1317-65-3 |
| Acrylic polymer water emulsion | | <25% | --- |
| Cellulose thickener, dispersants | | <1% | --- |
| Biocide | | < 0.2% | 26172-55-4 |
| Water | | to 100% | 7732-18-5 |

Note. Residual monomers are less than 0.1% of the acrylic polymer water emulsion.

SECTION 4: FIRST AID MEASURES

The following applies to **dust** from this product:

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| Swallowed | Rinse mouth and lips with water. Do not induce vomiting. If symptoms persist, seek medical attention. |
| Eyes | Flush thoroughly with flowing water, while holding eyelids open, for 15 minutes to remove all traces. If symptoms such as irritation or redness persist, seek medical attention. |
| Skin | Wash thoroughly with soap and water. Remove heavily contaminated clothing. Shower if necessary. Seek medical attention for persistent redness, irritation or burning of the skin. |
| Inhaled | Remove to fresh air, away from dusty area. If symptoms persist, seek medical attention. |
| Advice to Doctor | Treat symptomatically. |

SECTION 5: FIRE FIGHTING MEASURES

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| Suitable extinguishing media | Use carbon dioxide, foam, dry chemical or water spray to extinguish, as required for fire in surrounding materials. |
| Specific hazards | When heated to decomposition it may emit carbon dioxide, acrid smoke and irritating fumes including acrylic monomers. |
| Special protective precautions and equipment for fire fighters | As required for fire in surrounding materials. |
| HAZCHEM Code | None |

SECTION 6: ACCIDENTAL RELEASE MEASURES

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| Personal precautions, protective equipment and emergency procedures | Wear protective equipment if required to prevent skin and eye contamination. |
| Environmental precautions | Do not allow this product to enter drains, storm water systems or waterways. |
| Methods and materials for containment and cleaning up | Scrape/shovel material into bins. |

SECTION 7: HANDLING AND STORAGE

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| Precautions for safe handling | Respirable dusts can be generated during processing and handling. Avoid breathing dust. Wear protective equipment to prevent skin and eye contamination. Manual handling should be in accordance with Manual Handling Regulations and Codes. |
| Conditions for safe storage | This product should be stored in a sealed container in a cool, dry area. Respirable dusts can be generated during storage. |
| Incompatibilities | None |

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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| Workplace Exposure Standards | Workplace Exposure Standards for Airborne Contaminants, Safe Work Australia None allocated specifically for this product. If the dried product is sanded, drilled, sawn, ground, etc, dust may be generated and the following applies. Calcium carbonate dust. TWA - 10 mg/m ³ Total dust (of any type, or particle size). TWA - 10 mg/m ³ |
| Notes on Exposure Standards | All occupational exposures to atmospheric contaminants should be kept to as low a level as is workable (practicable) and in all cases to below the Workplace Exposure Standard (WES). TWA (Time Weighted Average): the time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers. |
| Biological Limit Values | No biological limit allocated. |

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION CONT.

ENGINEERING CONTROL

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| <input type="checkbox"/> Ventilation | Keep exposures to dust as low as practicable. Work in the open air and within external openings (such as doors and windows in buildings) generally provides adequate ventilation. Local mechanical ventilation or extraction may be required in areas where dust could escape into the working environment. Local dust extraction and collection may be used, if necessary, to control airborne dust levels. Hand tools generate less dust when cutting, drilling or sanding. If power tools are used they should be fitted with efficient and well maintained dust extraction devices. If generated dust cannot be avoided follow personal protection recommendations. |
| <input type="checkbox"/> Special Consideration for Repair and/or Maintenance of Contaminated Equipment | Where possible vacuum or wash down all gear, equipment or mobile plant prior to maintenance and repair work. If compressed air cleaning cannot be avoided, recommendations on Exposure Control and Personal Protection should be followed. |

PERSONAL PROTECTION

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| <input type="checkbox"/> Personal Hygiene | Wash work clothes regularly. Wash hands before eating, drinking, using the toilet, or smoking. |
| <input type="checkbox"/> Skin Protection | Safety spectacles with side shields or coverall goggles with direct ventilation (AS/NZS 1336) should be worn if a risk of eye contact exists. |
| <input type="checkbox"/> Eye Protection | Ventilated non-fogging goggles (dust resistant AS/NZS 1336) should be worn when working in a dusty environment. |
| <input type="checkbox"/> Respiratory Protection | Not required under normal circumstances. An approved particulate respirator conforming to Australian Standards AS/NZS 1715 and 1716 should be worn if dust is generated, particularly if working in a confined environment. Respirators should be correctly fitted, maintained in good condition, and kept in clean storage when not in use. Replaceable filters and cartridges should be replaced regularly in accordance with the manufacturers' guidelines and Australian Standards AS/NZS 1715 and 1716. |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance | Pale thick paste |
| Odour | None |
| Odour threshold | Not applicable |
| pH | Not determined |
| Melting point | Not applicable |
| Initial boiling point and range | Not determined |
| Flash point | Not applicable |
| Evaporation rate | Not applicable |
| Flammability | Non-flammable |
| Upper/lower flammability or explosive limits | Not applicable |
| Vapour pressure | Not determined |
| Vapour density | Not determined |
| Specific gravity (Relative density) | Approximately 1.4 |
| Solubility | Paste is dispersible; dried product insoluble |
| Partition coefficient (n-octanol/water) | Not determined |
| Viscosity | Not determined |
| Auto-ignition temperature | Not applicable |
| Decomposition temperature | Not available |
| % Volatiles | 0% |
| Volatile Organic Compounds (VOC) Content (as specified by the Green Building Council of Australia) | 0% |

SECTION 10: STABILITY AND REACTIVITY

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| Chemical Stability | Stable |
| Hazardous Reactions | None |
| Conditions to avoid | Dust generation |
| Incompatible Materials | None |
| Hazardous Decomposition Products | When heated to decomposition it may emit carbon dioxide, acrid smoke and irritating fumes. |

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS. ACUTE (SHORT TERM)

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| Swallowed | Unlikely under normal industrial use, but swallowing more than a mouthful may result in abdominal discomfort. |
| Eyes | Splashes or dust from the dried product may irritate the eyes causing watering and redness. Exposure to dust may aggravate pre-existing eye conditions. |
| Skin | The dust from this product, particularly in association with heat and sweat, may cause irritation, but it is not absorbed through the skin. It may be mildly irritating and drying to the skin due to its physical characteristics. |
| Inhaled | Dust is mildly irritating to the nose, throat and respiratory tract and may cause coughing and sneezing. Pre-existing upper respiratory and lung diseases including asthma and bronchitis may be aggravated. |

HEALTH EFFECTS. CHRONIC (LONG TERM)

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|----------------|--|
| Eyes | Dust may cause irritation and inflammation of the eyes and aggravate pre-existing eye conditions. |
| Skin | Prolonged and repeated skin contact may result in dermatitis (redness and skin irritation). Repeated heavy contact with the dust may cause drying of the skin and can result in skin rash (dermatitis), typically affecting the hands. Over time this may become chronic and can also become infected. |
| Inhaled | Repeated exposure to the dust may result in increased nasal and respiratory secretions and coughing. Inflammation of lining tissue of the respiratory system may follow repeated exposure to high levels of dust with increased risk of bronchitis and pneumonia. |

TOXICITY DATA

No direct data available for this or similar products. The following information is based on the toxicity profiles of a number of acrylic emulsions that are similar in composition to the acrylic polymer used in this product.

Oral LD50 - rat: > 5000 mg/kg
 Dermal LD50 - rabbit: > 5000 mg/kg
 Skin irritation - rabbit: practically non-irritating
 Eye irritation - rabbit: inconsequential irritation

SECTION 12: ECOLOGICAL INFORMATION

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| Eco-toxicity | This product has not been tested. However, the physical and chemical nature of the product and toxicological data on ingredients indicate that this product is a relatively low risk. |
| Persistence and Degradability | Product is persistent and would have a low degradability. |
| Bioaccumulative potential | There is no evidence to suggest bioaccumulation will occur. |
| Mobility in soil | A low mobility would be expected in a landfill situation. |

SECTION 13: DISPOSAL CONSIDERATIONS

This product can be treated as a common waste for disposal, or dumped into a landfill site in accordance with local authority guidelines. Measures should be taken to prevent dust generation during disposal, and exposure and personal precautions should be observed (see above).

SECTION 14: TRANSPORT INFORMATION

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|-------------------------------------|----------------|
| UN number | None allocated |
| UN Proper Shipping Name | None allocated |
| Class and Subsidiary Risk | None allocated |
| Packaging Group | None allocated |
| Marine Pollutant | No |
| Special Precautions for User | None |
| HAZCHEM code | None allocated |

SECTION 15: REGULATORY INFORMATION

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| Poisons Schedule | Not schedule. |
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SECTION 16: OTHER INFORMATION

For further information on this product, please contact:

CSR Building Products Limited (ABN 55 008 631356), Trinitri 3, 39 Delhi Road, North Ryde, NSW 2113, Australia.

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| Phone | +61 2 9372 5888 or 1800 807 668 (available in Australia only) |
| Fax | +61 2 9372 5877 |

ADDITIONAL INFORMATION**AUSTRALIAN STANDARDS REFERENCES**

| | |
|-------------|--|
| AS/NZS 1336 | Recommended Practices for Occupational Eye Protection |
| AS/NZS 1715 | Selection, Use and Maintenance of Respiratory Protective Devices |
| AS/NZS 1716 | Respiratory Protective Devices |
| AS 2161 | Industrial Safety Gloves and Mittens (excluding electrical and medical gloves) |

OTHER REFERENCES

| | |
|------------------------|--|
| NOHSC:1008 (2004) | Approved Criteria for Classifying Hazardous Substances |
| Model Code of Practice | Preparation of Safety Data Sheets for Hazardous Chemicals, December 2011, Safe Work Australia. |
| Model Code of Practice | Labelling of Workplace Hazardous Chemicals, December 2011, Safe Work Australia. |
| Model Code of Practice | Managing Risks Of Hazardous Chemicals In The Workplace, July 2012, Safe Work Australia. |
| WHS | Guidance on the Classification of Hazardous Chemicals under the WHS Regulations, April 2012, Safe Work Australia. |
| ADG Code | Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th edition, National Transport Commission. |
| WES | Workplace Exposure Standards For Airborne Contaminants, April 2013, Safe Work Australia. |
| WES | Guidance On The Interpretation Of Workplace Exposure Standards For Airborne Contaminants, April 2013, Safe Work Australia. |
| GHS | Globally Harmonized System of Classification and Labelling of Chemicals (GHS), 3rd revised edition, United Nations, New York and Geneva, 2009. |
| GHS | Understanding the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), United Nations, New York and Geneva, 2010. |
| HSIS | Hazardous Substances Information System (HSIS), internet advisory service, Safe Work Australia. |
| HCIL | GHS Hazardous Chemical Information List (HCIL), internet advisory service, Safe Work Australia. |

AUTHORISATION

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| Authorised by | Kate Lane |
| Date of Issue | 14/12/2016 |

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