**SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**Product Name**
CEMINTEL® Territory Panel Joint Sealant Excluding Woodlands Whitewash, Woodlands Ebony, Steppe Tundra & Steppe Montane

**Other Names**
CeminSeal® Designer Series and Builder Series Façade Panel Sealant

**Product Codes/Trade Names**
n/a

**Recommended Use**
Façade panel sealant

**Applicable In**
Australia

**Supplier**
CSR Building Products Limited  ABN 55 008 631 356

**Address**
Triniti 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.

CEMINTEL® Territory Panel Joint Sealant 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**

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>SYNONYMS</th>
<th>PROPORTION</th>
<th>CAS NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inorganic fillers</td>
<td></td>
<td>40-50%</td>
<td>----</td>
</tr>
<tr>
<td>Silicon modified polymer</td>
<td></td>
<td>20-30%</td>
<td>----</td>
</tr>
<tr>
<td>Acrylic resin</td>
<td></td>
<td>10-20%</td>
<td>----</td>
</tr>
<tr>
<td>Paraffin wax</td>
<td></td>
<td>1-10%</td>
<td>8002-74-2</td>
</tr>
<tr>
<td>Titanium (IV) oxide</td>
<td></td>
<td>0-1%</td>
<td>13463-67-7</td>
</tr>
<tr>
<td>Carbon black</td>
<td></td>
<td>0-1%</td>
<td>1333-86-4</td>
</tr>
<tr>
<td>Tin and its compounds</td>
<td></td>
<td>0.1-1%</td>
<td></td>
</tr>
</tbody>
</table>

**SECTION 4: FIRST AID MEASURES**

**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.
SECTION 4: FIRST AID MEASURES CONT.

Skin
Remove heavily contaminated clothing. Wash off skin thoroughly with water. Use a mild soap if available. Shower if necessary. Seek medical attention for persistent redness, irritation or burning of the skin.

Inhaled
Remove to fresh air. If symptoms persist, seek medical attention.

Advice to Doctor
Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Flammability
Non-flammable

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 traces of 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

Personal precautions, protective equipment and emergency procedures
Wear protective equipment to prevent skin and eye contamination.

Environmental precautions
Collect spillage. 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

Precautions for safe handling
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.

Incompatibilities
None.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards
Workplace Exposure Standards for Airborne Contaminants, Safe Work Australia
No exposure standard is assigned for this non-hazardous product. For information only – WES for minor or trace components:
- Paraffin wax (fume): TWA – 2 mg/m$^3$
- Carbon black: TWA – 3 mg/m$^3$
- Tin, oxide & inorganic compounds: TWA – 2 mg/m$^3$
- Tin, organic compounds: TWA – 0.1 mg/m$^3$; STEL – 0.2 mg/m$^3$; Sk

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.
- STEL (Short Term Exposure Limit): the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour work day. Sk Notice: absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.

Biological Limit Values
No biological limit allocated.
**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION CONT.**

**ENGINEERING CONTROLS**

- **Ventilation**
  General room ventilation should be adequate, but local mechanical ventilation may be required if dust is generated, particularly in confined spaces.

- **Special Consideration for Repair and/or Maintenance of Contaminated Equipment**
  Work areas should be cleaned regularly by damp sweeping or vacuuming. Recommendations on Exposure Control and Personal Protection should be followed.

**PERSONAL PROTECTION**

- **Personal Hygiene**
  Wash hands before eating, drinking, using the toilet, or smoking. Wash work clothes regularly.

- **Skin Protection**
  Engineering controls and work practices should aim to minimise direct contact with the product. Wear loose comfortable clothing. Direct skin contact should be avoided by wearing long sleeved shirts and long trousers, a cap or hat, and gloves (standard duty leather or equivalent AS 2161).

- **Eye 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.

- **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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Paste (coloured)</td>
</tr>
<tr>
<td>Odour</td>
<td>Not determined</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt;220°C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flammability</td>
<td>Non-flammable</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Specific gravity (Relative density)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility</td>
<td>Partly miscible, mostly insoluble</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not determined</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>% Volatiles</td>
<td>trace</td>
</tr>
<tr>
<td>Volatile Organic Compounds (VOC) Content (as specified by the Green Building Council of Australia)</td>
<td>trace</td>
</tr>
</tbody>
</table>

**SECTION 10: STABILITY AND REACTIVITY**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Stability</td>
<td>Stable under normal conditions</td>
</tr>
<tr>
<td>Hazardous Reactions</td>
<td>None</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Dust generation (dried product)</td>
</tr>
<tr>
<td>Incompatible Materials</td>
<td>None</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>None</td>
</tr>
</tbody>
</table>
**SECTION 11: TOXICOLOGICAL INFORMATION**

**HEALTH EFFECTS: ACUTE (SHORT TERM)**

- **Swallowed**: Unlikely under normal industrial use, but swallowing more than a mouthful may result in mild nausea.

- **Eyes**: Splashes, or dust from the dried product, may irritate the eyes causing watering and redness, and may aggravate pre-existing eye conditions.

- **Skin**: Contact with product, or with the dust from this product, may cause irritation, particularly in association with heat and sweat.

- **Inhaled**: Dust from the dried product may be 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)**

- **Skin**: Prolonged and repeated skin contact may result in dermatitis (redness and skin irritation). Repeated heavy contact with the dust from the dried product 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 from the dried product 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**

- Inorganic filler: Skin irritation - rabbit: 500 mg/24H; moderate
- Inorganic filler: Eye irritation - rabbit: 0.76 mg/24H; severe
- Titanium oxide: Skin irritation - human: 0.3 mg/3D-I; mild
- Tin and its compounds: Oral LD50 - rat: 44.9 mg/kg
- Tin and its compounds: Skin irritation - rabbit: 500 mg/24H; mild
- Tin and its compounds: Eye irritation - rabbit: 100 mg/24H; moderate

**SECTION 12: ECOLOGICAL INFORMATION**

- **Eco-toxicity**: Paraffin: Bluegill LC50: 2.2 mg/L/96hr
  - Titanium oxide: Daphnia magna EC50: >1000 mg/L/48hr
  - Carbon black: Daphnia magna EC50: >5600 mg/L/24hr
  - Tin and its compounds: Daphnia magna EC50: 0.94 mg/L/24hr

- **Persistence and Degradability**: Manufactured product would have high persistence and low degradability.

- **Bioaccumulative potential**: Tin and its compounds: BCF=69

- **Mobility in soil**: A low mobility would be expected in a landfill situation.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**CEMINTEL® Territory Panel Joint Sealant** can be treated as a common waste for disposal which should be 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**

- **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
SAFETY DATA SHEET | CEMINTEL® TERRITORY PANEL JOINT SEALANT
(Excludes Woodlands Whitewash, Woodlands Ebony, Steppe Tundra & Steppe Montane
- Refer to separate Safety Data Sheet)

SECTION 15: REGULATORY INFORMATION
Poisons Schedule
Not scheduled

SECTION 16: OTHER INFORMATION
For further information on this product, please contact:
CSR Building Products Limited (ABN 55 008 631356), Triniti 3, 39 Delhi Road, North Ryde, NSW 2113, Australia.

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
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.
WHS  Guidance on the Classification of Hazardous Chemicals under the WHS Regulations, April 2012, Safe Work Australia.
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.
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
Reason for Issue  New formulation
Authorised by  Kate Lane
Date of Issue  09/05/2018

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