

CEMINTEL®

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

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	CEMINTEL® Territory Panel Joint Sealant Excluding Woodlands Whitewash & Steppe Tundra
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	Trinita 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

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

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	<p>Workplace Exposure Standards for Airborne Contaminants, Safe Work Australia</p> <p>No exposure standard is assigned for this non-hazardous product.</p> <p>For information only – WES for minor or trace components:</p> <p>Paraffin wax (fume): TWA – 2 mg/m³</p> <p>Carbon black: TWA – 3 mg/m³</p> <p>Tin, oxide & inorganic compounds: TWA – 2 mg/m³</p> <p>Tin, organic compounds: TWA – 0.1 mg/m³; STEL – 0.2 mg/m³; Sk</p>
Notes on Exposure Standards	<p>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).</p> <p>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.</p> <p>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.</p> <p>Sk Notice: absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.</p>
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

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

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions
Hazardous Reactions	None
Conditions to avoid	Dust generation (dried product)
Incompatible Materials	None
Hazardous Decomposition Products	None

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: 0.75 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

SECTION 15: REGULATORY INFORMATION

Poisons Schedule	Not scheduled
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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)
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Fax	+61 2 9372 5877
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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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