

# CEMINTEL®

## SAFETY DATA SHEET | CEMINTEL® EDGE SEALER

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

<b>Product Name</b>	<b>CEMINTEL® Edge Sealer</b>
<b>Other Names</b>	CeminSeal BareStone® Touch Up Kit
<b>Product Codes/Trade Names</b>	100166
<b>Recommended Use</b>	For sealing cut edges of Cemintel™ fibre cement panels & touching up BareStone® External Panels
<b>Applicable In</b>	Australia
<b>Supplier</b>	CSR Building Products Limited ABN 55 008 631 356
<b>Address</b>	Trinita 3, 39 Delhi Road, North Ryde, NSW 2113, Australia
<b>Telephone</b>	+61 2 9235 8000 (or 1800 807 668 (available in Australia only))
<b>Email Address</b>	www.cemintel.com.au/contact
<b>Website</b>	www.cemintel.com.au/
<b>Facsimile</b>	+61 2 9372 5819
<b>Emergency Phone Number</b>	000 Fire Brigade and Police (available in Australia only)
<b>Poisons Information Centre</b>	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 **Hazardous** according to the criteria of Safe Work Australia (SWA - formerly ASCC/NOHSC) Approved Criteria For Classifying Hazardous Substances [NOHSC:1008] 3rd Edition.

**CEMINTEL® Edge Sealer** is classified as **Non-Dangerous Goods** according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

GHS CLASSIFICATION	GHS SIGNAL WORD	GHS PICTOGRAM/S
Skin Irritation - Category 2 Eye Damage - Category 1 Acute Aquatic Toxicity - Category 3 Chronic Aquatic Toxicity - Category 3	<b>DANGER</b>	
GHS HAZARD STATEMENTS	GHS PRECAUTIONARY STATEMENTS	
H315 - Causes skin irritation H318 - Causes serious eye damage H402 - Harmful to aquatic life H412 - Harmful to aquatic life with long lasting effects	P264 - Wash thoroughly after handling. P280 - Wear protective gloves and eye protection/face protection. P302 + P352 - If on skin, wash with plenty of soap and water. P332 + P313 - If skin irritation occurs, get medical advice/attention. P305 + P351 + P338 - If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - If eye irritation occurs, call a Poison Centre or doctor. P362 - Take off contaminated clothing and wash before reuse.	

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	SYNONYMS	PROPORTION	CAS NUMBER
<b>Triethoxy(2,4,4-trimethylpentyl)silane</b>		>60.0%	35435-21-3
<b>Stearylaminooxethylate</b>	Polyethylene glycol stearylamine	<0.5%	26635-92-7

## SECTION 4: FIRST AID MEASURES

<b>Swallowed</b>	If small amount ingested then rinse mouth with water. If deliberately ingested, dilute stomach contents by giving large amounts of water. Do not induce vomiting. If symptoms persist, seek medical attention.
<b>Eyes</b>	Flush eye with water for a minimum of 15 minutes. Seek medical attention if irritation or pain persists or any persistent loss of vision occurs.
<b>Skin</b>	Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if irritation or redness persists. Launder contaminated clothing before re-use.
<b>Inhaled</b>	Remove to fresh air. If symptoms persist, seek medical attention.
<b>Advice to Doctor</b>	Treat symptomatically. The product is of relatively low toxicity and the main risk arises from eye injury from splash or contamination.

## SECTION 5: FIRE FIGHTING MEASURES

<b>Flammability</b>	Combustible. Keep away from open fire, sources of heat and sparks.
<b>Suitable extinguishing media</b>	Use carbon dioxide, foam, dry chemical or water spray to extinguish, as required for fire in surrounding materials. Do not allow extinguishing water to enter drains or water courses.
<b>Specific hazards</b>	Fire will produce dense black smoke, which contains decomposition products including nitrous gases. Avoid breathing the smoke.
<b>Special protective equipment and precautions for firefighters</b>	For major fires or where the atmosphere is either oxygen-deficient or contains unacceptable levels of combustion products, firefighters must wear self-contained breathing apparatus with full face-mask and protective clothing.
<b>HAZCHEM Code</b>	None allocated

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment and emergency procedures</b>	As delivered the product is normally present in small volume packages and any leak or spill should be treated as for similar volumes of flammable materials. In bulk or multiple packs, in the event of a large spill, eliminate all sources of ignition. Personnel directly involved in the containment and disposal procedures to wear protective equipment as described in Section 8 to prevent skin and eye contamination and inhalation of vapours. Ventilate area well before personnel return to the work area.
<b>Environmental precautions</b>	Prevent run-off into drains and waterways. If contamination of sewers or waterways has occurred, advise the local emergency services.
<b>Methods and materials for containment and cleaning up</b>	Stop and contain the spill for salvage or absorb in inert absorbent material (e.g. soil, sand, vermiculite) for disposal by an approved method. Use mechanical cleaning methods. Do not flush away with water. Spilled substance increases risk of slipping.

## SECTION 7: HANDLING AND STORAGE

<b>Precautions for safe handling</b>	Manual handling of bulk packages should be in accordance with Manual Handling Regulations and Codes. Good ventilation must be provided. In cases of aerosol formation, special protective measures are required (i.e. exhaust ventilation, respiratory protection).
<b>Conditions for safe storage</b>	Keep containers tightly closed. Store in a cool, dry place. Do not allow to freeze. Keep away from open flames, heat and sparks. In partly emptied containers the formation of explosive mixtures is possible.
<b>Incompatibilities</b>	None known.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Workplace Exposure Standards</b>	<b>Workplace Exposure Standards for Airborne Contaminants, Safe Work Australia</b> No exposure standard allocated to this product.
<b>Notes on Exposure Standards</b>	All occupational exposures to atmospheric contaminants should be kept to as low a level as is workable (practicable).
<b>Biological Limit Values</b>	No biological limit allocated.
<b>ENGINEERING CONTROLS</b>	
<input type="checkbox"/> <b>Ventilation</b>	Provide adequate ventilation. In cases of aerosol formation, exhaust ventilation is required.
<input type="checkbox"/> <b>Special Consideration for Repair and/or Maintenance of Contaminated Equipment</b>	Recommendations on Exposure Control and Personal Protection should be followed.
<b>PERSONAL PROTECTION</b>	
<input type="checkbox"/> <b>Personal Hygiene</b>	Wash hands before eating, drinking, using the toilet, or smoking. Wash contaminated clothing and other protective equipment before storing or re-using.
<input type="checkbox"/> <b>Skin Protection</b>	Protective clothing (gloves, coveralls, boots, etc.) should be worn to minimise skin contact. Use approved chemical resistant gloves – PVC or Neoprene (AS 2161) and where skin contamination is possible use aprons or other protective clothing.
<input type="checkbox"/> <b>Eye Protection</b>	Avoid eye contact by wearing chemical goggles with side shields, or face shield (AS/NZS 1336) whenever there is a risk of splashing paste or liquid in the eyes.
<input type="checkbox"/> <b>Respiratory Protection</b>	None should be needed if engineering, storage and handling controls (work methods) are sufficient to provide good ventilation and avoid airborne material. In case of aerosol or mist formation, select and use a respirator in accordance with AS1715/1716. In high vapour concentrations, or in suspected oxygen-deficient atmospheres such as empty vessels or confined spaces, use an air-supplied hood or SCBA.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	White to yellowish paste
<b>Odour</b>	Slight
<b>Odour threshold</b>	Not determined
<b>pH</b>	Approx. 8
<b>Melting point</b>	Not determined
<b>Initial boiling point and range</b>	100°C at 1013 hPa
<b>Flash point</b>	64°C
<b>Evaporation rate</b>	Not determined
<b>Flammability</b>	Combustible
<b>Upper/lower flammability or explosive limits</b>	Not determined
<b>Vapour pressure</b>	23 hPa at 20°C
<b>Vapour density</b>	Not applicable
<b>Specific gravity (Relative density)</b>	Approximately 0.9
<b>Solubility</b>	Completely miscible in water at 20°C. Hydrolytic decomposition occurs.
<b>Partition coefficient (n-octanol/water)</b>	Not determined
<b>Viscosity</b>	Not determined
<b>Auto-ignition temperature</b>	265°C
<b>Decomposition temperature</b>	Not determined
<b>% Volatiles</b>	Low
<b>Volatile Organic Compounds (VOC) Content</b> (as specified by the Green Building Council of Australia)	Low

## SECTION 10: STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable in normal use
<b>Hazardous Reactions</b>	If stored and handled in accordance with standard industrial practices, no hazardous reactions are known.
<b>Conditions to avoid</b>	Keep away from water and acids. Keep away from open flames, heat and sparks. Do not allow to freeze.
<b>Incompatible Materials</b>	Reacts slowly with water and acids, producing ethanol. This is not of practical importance when using the Touch Up Kits.
<b>Hazardous Decomposition Products</b>	Ethanol by hydrolysis.

## SECTION 11: TOXICOLOGICAL INFORMATION

## HEALTH EFFECTS: ACUTE (SHORT TERM)

<b>Swallowed</b>	Unlikely under normal industrial use, but swallowing may result in nausea or abdominal discomfort.
<b>Eyes</b>	Contact with the paste or any airborne material may cause eye irritation. Entry to the eye may result in serious eye damage.
<b>Skin</b>	Repeated contact with the product may cause drying of the skin and irritation, with dermatitis. Dermatitis may lead to infection of the skin.
<b>Inhaled</b>	Exposure to airborne material may cause irritation of upper and lower respiratory system.

## HEALTH EFFECTS: CHRONIC (LONG TERM)

None known or reported.

## TOXICITY DATA

Not available on this product, but anticipated to be low with LD50 >2000 mg/kg. Health effects information is based on reported effects in use from overseas and Australian reports.

## SECTION 12: ECOLOGICAL INFORMATION

<b>Eco-toxicity</b>	Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment. The product should not be allowed to enter drains or water courses.
<b>Persistence and Degradability</b>	No data available on the preparation itself. Silicone content is not biologically degradable. The hydrolysis product (ethanol) is readily biologically degradable.
<b>Bioaccumulative potential</b>	There is no evidence to suggest bioaccumulation will occur.
<b>Mobility in soil</b>	No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of waste material by incineration according to local regulations. Empty 200ml containers may usually be disposed of to local landfill as general waste. Bulk disposal should be in accordance with local regulations. Minimise entry of material to surface waters, drains or sewers and soil.

## SECTION 14: TRANSPORT INFORMATION

<b>UN number</b>	None allocated
<b>UN Proper Shipping Name</b>	None allocated
<b>Class and Subsidiary Risk</b>	None allocated
<b>Packaging Group</b>	None allocated
<b>Marine Pollutant</b>	No
<b>Special Precautions for User</b>	None
<b>HAZCHEM code</b>	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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