

Classified as hazardous according to criteria of Worksafe Australia

Section 1: Identification of the substance/mixture and of the company

1:1 Product Identifier

Product Name: LVL-25 Premium Self Levelling Cement
Other Names: None
Product Code: LVL-25

1:2 Relevant identified uses of the product

Application: Floor levelling compound suitable for interior & exterior use

1.3 Supplier details

Supplier: Adhesive Construction Technology Pty Ltd (ABN: 65 167 149 233)
Address: 65 Dunn Rd Rocklea QLD 4106
Phone: 1300 794 321 | 07 3255 5601
Emergency Phone: 1300 794 321

The information contained in this safety data sheet is accurate on the date of issue and in accordance with the information available at that time. Persons dealing with products referred to in this safety data sheet do so at their own risk. ACT Australia accepts no liability whatsoever for damage or injury, however caused, arising from use of this information or of suggestions contained herein.

Section 2: Hazard Identification

2:1 Classification of product

GHS: Acute Toxicity HC-4 (H302, H312, H332), Skin Corrosion/Irritation HC-2 (H315), Eye Damage HC-1 (H318), STOT SE HC-3 (H335), STOT RE HC-2 (H373)



Signal Word: **DANGER**

Hazard Statements:

| | |
|------|---|
| H302 | Harmful if swallowed |
| H312 | Harmful if in contact with skin |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H332 | Harmful if inhaled |
| H335 | May cause respiratory irritation |
| H373 | May cause damage to organs through prolonged or repeated exposure |

Precautionary Statements:

| | |
|----------------|---|
| P264 | Wash hands thoroughly after handling. |
| P280 | Wear protective gloves, eye and face protection |
| P301+P312 | IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell |
| P304+P340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water |
| P501 | Dispose of contents/container in accordance with local regulations |

2.3 Other hazards
Other hazards: N/A

Section 3: Composition/Information on Ingredients

3:1 Mixtures

This product contains Calcium Oxide & Calcium Hydroxide

| Chemical Name | CAS-No. | % | Hazard Classification |
|---------------------------|------------|---------|--|
| Calcium Oxide | 1305-78-8 | <10% | Acute Toxicity HC-4 H302 H312 H332 STOT SE HC-3 H335 STOT RE HC-2 H373 |
| Portland Cement | 65997-15-1 | 10-30% | Skin Irritation HC-2 H315 Eye Irritation HC-1 H318 |
| Non Hazardous Ingredients | N/A | 70-100% | N/A |

Section 4: First Aid Measures

4:1 Description of first aid measures

| | |
|---------------|--|
| Inhalation: | Move subject to fresh air. Monitor and consult a physician if irritation persists |
| Skin Contact: | Wash affected areas thoroughly with soap & water. Consult a physician if irritation persists |
| Eye Contact: | Flush eyes with large amount of water for at least 15 minutes, holding eyelids apart. Seek medical attention immediately |
| Ingestion: | Flush mouth with copious amounts of water. Consult a physician |

4:2 Symptoms caused by exposure

| | |
|---------------|---|
| Inhalation: | Dust may irritate airway and cause coughing |
| Skin Contact: | Dust may irritate moist skin. Prolonged exposure could result in allergic reaction such as a rash or burning sensation |
| Eye Contact: | Contact with eye can cause permanent eye damage – immediately seek first aid. |
| Ingestion: | Can cause irritation to the throat and stomach |

4:3 Medical Attention and Special Treatment

N/A

Section 5: Fire Fighting Measures

5:1 Suitable extinguishing media

This is a non-flammable material. Use suitable extinguishing media for surrounding area.

5:2 Specific hazards

None Applicable

5:3 Special protective equipment and precautions for fire fighters

Chemical resistant clothing should be used along with respiratory protection.

Section 6: Accidental Release Measures

6:1 Personal precautions, protective equipment and emergency procedures

Wear appropriate clothing, gloves, eye protection and facemask to avoid inhalation and contact with skin or eyes

Emergency Procedures: N/A

6:2 Environmental precautions

Do not allow this product to be released into storm water drains, creeks or open bodies of water. Dispose in accordance with local regulations

6:3 Methods and materials for contaminant and cleaning up

In dry form: Vacuum where possible. Sweep with a brush or broom.

In wet form: Cover any drains and wipe product with a cloth. Dispose in accordance with local regulations

Section 7: Handling and Storage

7:1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid dust.

7:2 Conditions for safe storage, including any incompatibilities

Store in a cool dry location in a closed container to avoid dust.

Incompatibilities: N/A

Section 8: Exposure Controls and Personal Protection

8:1 Control parameters

No exposure standards have been established for this product. The exposure limits for ingredients are listed below

| Chemical Name | CAS No. | Exposure Limit | Type |
|-----------------------------------|------------|----------------------|------|
| Calcium Oxide | 1305-78-8 | 2 mg/m ³ | TWA |
| Portland Cement – respirable dust | 65997-12-1 | 3 mg/m ³ | TWA |
| Portland Cement – inhalable dust | 65997-12-1 | 10 mg/m ³ | TWA |

8:2 Exposure controls

Provide adequate ventilation. Observe occupational exposure limits and minimise risk of contact with skin & eyes

8:3 Personal protective equipment (PPE)

Wear protective gloves, impervious material (e.g., PVC) is recommended.

Wear goggles/face shield.

Wear protective clothing including boots.

Face protection should be used in connection with splashing work.

The use of barrier cream is recommended.

Remove all contaminated PPE carefully to avoid contact with skin or eyes. Wash contaminated clothing thoroughly before reuse. Wash skin with soap and water after work.

Environmental exposure controls: Not available

Section 9: Physical and Chemical Properties

9:1 Physical and chemical properties

| | |
|----------------------|---|
| Appearance: | A finely divided grey powder |
| Odour: | Slight odour |
| Odour threshold: | N/A |
| pH: | Alkaline (approx. 12 when mixed with water) |
| Flash point: | Non-combustible |
| Flammability limits: | Not Available |
| Solubility in water: | Miscible in water |
| Stable: | Stable |
| Vapour pressure: | Not Available |
| Specific gravity: | 1.2 |
| Volatile component: | N/A |
| Auto ignition temp | N/A |

Section 10: Stability & Reactivity

10:1 Reactivity

None know

10:2 Chemical stability

Product is stable under normal temperature conditions

10:3 Conditions to avoid

See incompatible materials

10:4 Incompatible materials and possible hazardous reactions

Incompatible materials: Oxidising agents, strong acids, nitro-organic compounds, maleic anhydride and phosphorous.

Hazardous reactions: Reacts exothermically with acids. Can be corrosive to some metals

10:5 Hazardous decomposition products

Thermal decomposition may result in release of toxic and/or irritation fumes and gases.
Decomposes with loss of water 580°C to form calcium oxide.

Section 11: Toxicological Information

11:1 Information and symptoms related to exposure

No toxicological data available for this material. Toxicological data for ingredients below;

Calcium Hydroxide

Acute Toxicity:

Exposure can cause feelings of sickness or being unwell. Contact doctor/physician immediately

Skin corrosion/irritation:

Repeated or prolonged exposure to skin can cause dermatitis

Serious eye damage/irritation:

Exposure can cause serious eye damage. Contact will cause stinging/burning sensation, blurring, tearing and possible blindness if left untreated

Respiratory or Skin Sensitisation:

Dust can irritate airways. Prolonged exposure may cause coughing or wheezing

Germ Cell Mutagenicity:

No data available

Carcinogenicity:

No data available

Reproductive Toxicity:

No data available

Specific Target Organ Toxicity (STOT)

Single Exposure:

Can cause coughing and irritation to airway

Repeated Exposure:

N/A

Aspiration Hazard:

No data available

11.2 Numerical measures of toxicity

No data available

11.3 Immediate, delayed or chronic health effects from exposure

Immediate:

Irritation of the skin and eyes.

Delayed:

Allergic skin reaction, irritation and possible injury to eyes

Chronic:

N/A

11.4 Exposure levels

Exposure levels:

See table in section 8:1

11.5 Interactive effects

Inhalation:

Respiratory conditions such as asthma can increase risk of coughing and wheezing

Skin contact:

Sensitivity of the skin can lead to greater risk of allergic skin reactions

11.6 Data limitations

Data limitations:

N/A

Section 12: Ecological Information

12:1 Ecotoxicity

This product is not expected to be hazardous to the environment

12:2 Degradability

When mixed with water this product will form to a hard mass that is non-degradable

12:3 Bio-accumulative potential

No data available

12:4 Mobility in soil

No data available

12:5 Other adverse effects

None known

Section 13: Disposal Considerations

Section 13:1 Safe disposal of product and packaging

Dispose of all waste in accordance with local regulations.

Waste is considered hazardous. However product hardened with water is considered non hazardous.

Packaging is recyclable when all traces of material have been cleaned from bag.

Do not allow product to enter sewerage system of storm water drain, this will block pipes.

Section 14: Transport Information

| | |
|-------------------------------------|----------------|
| 14:1 UN number: | None allocated |
| 14:2 Proper shipping name: | None allocated |
| 14:3 Transport hazard class: | None allocated |
| 14:4 Packaging group: | None allocated |
| 14:5 Environmental hazards: | N/A |
| 14:6 Special transport precautions: | N/A |
| 14:7 Hazchem code: | N/A |

Section 15: Regulatory Information

15:1 Safety, health and environmental regulations specific to the product

N/A

15:2 Poisons schedule number

N/A

Section 16: Regulatory Information

This SDS has been prepared 15th November 2016. This SDS will be reviewed every 5 years. The latest version of this SDS will be available for download from actaus.com This SDS may change from time to time as new information becomes available or in the case of a change in formulation. This SDS is has been prepared as a new document to bring into line with Globally Harmonized System requirements.

16:2 Abbreviations and acronyms used in this SDS

GHS = Globally Harmonized System

CAS = Chemical Abstract Service

HC = Hazard Category

N/A = Not Applicable

TWA = Time Weighted Average

USECHH = Use and Standard of Exposure Chemical Hazardous to Health.

STOT = Specific Target Organ Toxicity

STOT SE = Specific Target Organ Toxicity – Single Exposure

STOT RE = Specific Target Organ Toxicity – Repeated Exposure

mg/m³ = milligram per cubic metre

This SDS has been prepared using information provided by the manufactures of the ingredients contained in this product. This product is a mixture of ingredients.

.... END OF SDS

This SDS has been developed in accordance to Worksafe Australia/NOHSC guidelines