SAFETY DATA SHEET
LVL-25

Document Date: 31/7/25

Classified as hazardous according to criteria of Work Safe Australia

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

1:1 Product Identifier

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

1:2 Relevant identified uses of the product

Application:	A premium self-levelling cement to level and flatten uneven floor substrates.

1.3 Supplier details

Supplier:	Adhesive Construction Technology Australia 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

Skin Corrosion/Irritation: Category 2 **(H315)**
Serious eye damage/eye irritation: Category 2A **(H319)**
Specific target organ toxicity Single Exposure Respiratory tract irritation: Category 3 **(H335)**
Carcinogenicity: Category 1, 1A, 1B **(H350i)**
Specific Target Organ Toxicity (Repeated Exposure): Category 2 **(H373)**

Fumes may irritate throat and respiratory system and cause coughing.
Frequent inhalation of fumes over a long period of time increases the risk of developing cancer or lung diseases.
Avoid contact with eyes.
Do not swallow.
Product can have an irritating effect on skin. Prolonged contact may cause irritation.

Signal Word: **DANGER**

Hazard Statements:

H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H350i	May cause cancer by inhalation
H373	May cause damage to organs (lungs) through prolonged or repeated exposure

Precautionary Statements:

Prevention	
P203	Obtain, read, and follow all safety instructions before use.
P260	Do not breathe dust
P264+P265	Wash skin thoroughly after handling. Do not touch eyes
P271	Use only in a well-ventilated area.
P280	Wear protective gloves, mask, eye, and face protection
Response	
P302+P352	**IF ON SKIN:** Gently wash with plenty of soap and water.
P332+P317	IF **SKIN** irritation occurs: Get medical help.
P362+P364	Take off contaminated clothing and wash it before reuse.
P305+P351+P338	**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
P337+P317	If **EYE** irritation persists: Get medical help.
P304+P340	**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P319	Get medical help if you feel unwell
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
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

Chemical Name	CAS-No.	%	Hazard Classification of Ingredient
Portland Cement	65997-15-1	15-25%	Skin Irritation HC-2 Eye Irritation HC-2A STOT SE HC-3 Carcinogenicity HC-1A STOT RE HC-2

Non-Hazardous Ingredients	N/A	Balance	N/A

Section 4: First Aid Measures

4:1 Description of first aid measures

Inhalation:	Move subject to fresh air. Monitor and consult a doctor if concerned.
Skin Contact:	Remove contaminated clothing. Wash affected areas thoroughly with soap & water. Consult a doctor if irritation persists
Eye Contact:	Remove contact lenses if present. Flush eyes with large amount of water for at least 15 minutes, holding eyelids apart. Consult a doctor if irritation persists
Ingestion:	Flush mouth with copious amounts of water. Consult a doctor. Do not induce vomiting

4:2 Symptoms caused by exposure

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

4:3 Medical Attention and Special Treatment
Treat symptomatically

Section 5: Fire Fighting Measures

5:1 Suitable extinguishing media
This is a non-flammable material. Use suitable extinguishing media for the surrounding area.
5:2 Specific hazards
Non-Flammable. May evolve toxic gases if strongly heated
5:3 Special protective equipment and precautions for fire fighters.
No fire or explosion hazard exists. Fire fighters should wear full protective clothing to prevent exposure to vapours or fumes.

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.
6.4 Reference to other sections
See Sections 8 and 13 for exposure controls and disposal.

Section 7: Handling and Storage

7:1 Precautions for safe handling
Before use read packaging and safety data information. Avoid contact with skin and eyes. Avoid inhalation of dust by wearing appropriate face mask.
Ensure appropriate PPE is worn when handling and using product.
Do not eat, drink, or smoke while handling product. Wash hands thoroughly after use.
7:2 Conditions for safe storage, including any incompatibilities
P403+P233: Store in cool, dry, well-ventilated place. Keep container tightly closed.
P405 Store locked up.
Incompatibilities: Oxidising agents, ethanol acids, interhalogens, fluorine, magnesium with hydrogen.

Section 8: Exposure Controls and Personal Protection

8:1 Control parameters
The exposure limits for ingredients are listed below

Chemical Name	CAS No.	Exposure Limit	Type	References
Portland Cement (respirable dust)	65997-15-1	10 mg/m^3	TWA	Safe Work Australia

8:2 Exposure controls
Avoid inhalation. Use only in well ventilated areas. Where an inhalation risk does exist, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.
8:3 Personal protective equipment (PPE)
Wear P1 or P3 face respirator mask to avoid breathing dust
Wear protective gloves
Wear dust proof goggles/face shield

Wear protective clothing including boots
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 grey powder
Odour	Cement
Odour threshold	N/A
pH	Approx 12 when mixed with water
Melting point/Freezing Point	No Data Available
Boiling point/Boiling range	No Data Available
Flash point	No Data Available
Evaporation rate	No Data Available
Flammability (Solid, Gas)	No Data Available
Upper/lower flammability or explosive limits	No Data Available
Vapour pressure	No Data Available
Vapour Density	No Data Available
Relative Density	No Data Available
Solubility (water)	Miscible in water
partition coefficient: n-octanol/water	No Data Available
Auto ignition temp	No Data Available
Decomposition Temperature	No Data Available
Viscosity	No Data Available
VOC (Volatile Organic Compounds)	< 1 g/L

Section 10: Stability and Reactivity

10:1 Reactivity
None known
10:2 Chemical stability
Product is stable under normal temperature, conditions & storage recommendations
10:3 Possibility of hazardous reactions
Hazardous polymerisation not expected to occur
10:4 Conditions to avoid
Extreme heat.
10:5 Incompatible materials
Oxidising agents, ethanol acids, interhalogens, fluorine, magnesium with hydrogen.
10:5 Hazardous decomposition products
May evolve toxic gases if heated to decomposition

Section 11: Toxicological Information

11:1 Information on possible routes of exposure

Acute Toxicity	No data available
Skin corrosion/irritation	Repeated or prolonged exposure to skin can cause dermatitis or skin irritation
Serious eye damage/irritation	Exposure can cause serious conjunctivitis, blepharitis, and general irritation to the eyes
Respiratory or skin sensitisation	Dust can irritate airways. Prolonged exposure may cause coughing or wheezing
Germ Cell Mutagenicity	No Data Available
Carcinogenicity	This product is a category 1 carcinogen and can cause cancer through inhalation. Prolonged repeated exposure may cause lung diseases, cancer, and silicosis.
Reproductive Toxicity	No Data Available
Specific Target Organ Toxicity (STOT)—single exposure - Respiratory tract irritation	Can cause coughing and irritation to airway
Specific Target Organ Toxicity (STOT)—repeated exposure	Repeated exposure over a long period of time may cause coughing and phlegm, shortness of breath and wheezing.
Aspiration Hazard	No Data Available

11.2 Early onset symptoms related to exposure

Acute Toxicity	No data available

Skin corrosion/irritation	In powder or wet form may result in irritation. Symptoms include redness, itching & swelling
Serious eye damage/irritation	Contact with moisture in the eyes may result in irritation, pain, redness, lachrymation, conjunctivitis, and possible alkaline burns.
Respiratory or skin sensitisation	Some individuals may experience an allergic skin or respiratory reaction. Skin sensitisation symptoms include redness, itchiness & swelling. Respiratory symptoms include coughing & wheezing.
Germ Cell Mutagenicity	No Data Available
Carcinogenicity	Early onset symptoms of lung diseases such as silicosis, lung cancer and other lung diseases can include a persistent cough, shortness of breath, wheezing, fatigue and increased mucus production. If you are concerned, you should immediately seek medical advice.
Reproductive Toxicity	No Data Available
Specific Target Organ Toxicity (STOT)—single exposure Respiratory tract irritation	Symptoms include coughing, wheezing & irritation of the nose and throat.
Specific Target Organ Toxicity (STOT)—repeated exposure	Early onset symptoms of lung diseases such as silicosis, lung cancer and other lung diseases can include a persistent cough, shortness of breath, wheezing, fatigue and increased mucus production. If you are concerned, you should immediately seek medical advice.
Aspiration Hazard	No Data Available

11.3 Delayed health effects from exposure

Acute Toxicity	No Data Available
Skin corrosion/irritation	Repeated or prolonged exposure to skin can cause dermatitis and allergic reactions.
Serious eye damage/irritation	When applied to the eyes of animals, the material produces severe ocular lesions which are present twenty-four hours or more after instillation.
Respiratory or skin sensitisation	Repeated or prolonged exposure to skin can cause dermatitis and allergic reactions. Overexposure may result in irritation of the nose and throat. High level exposure may result in breathing difficulties
Germ Cell Mutagenicity	No Data Available

Carcinogenicity	This product is a category 1 carcinogen and can cause cancer through prolonged repeated exposure. The risk of lung cancer is increased in people with Silicosis.
Reproductive Toxicity	No Data Available
Specific Target Organ Toxicity (STOT)—single exposure Respiratory tract irritation	Overexposure may result in irritation of the nose and throat. High level exposure may result in breathing difficulties
Specific Target Organ Toxicity (STOT)—repeated exposure	Repeated exposure may result in silicosis caused by deposition in the lungs of fine respirable particles. Early symptoms include coughing and breathlessness. Where product is wet the likelihood of inhalation hazard is reduced.
Aspiration Hazard	No Data Available

11.4 Exposure levels
Exposure levels: See section 8:1

11.5 Interactive effects

Acute Toxicity	No Data Available
Skin corrosion/irritation	Sensitivity of the skin can lead to greater risk of allergic skin reactions
Serious eye damage/irritation	No Data Available
Respiratory or skin sensitisation	Respiratory conditions such as asthma can increase risk of coughing and wheezing
Germ Cell Mutagenicity	No Data Available
Carcinogenicity	The risk of lung cancer is increased in people with Silicosis.
Reproductive Toxicity	No Data Available
Specific Target Organ Toxicity (STOT)—single exposure Respiratory tract irritation	Respiratory conditions such as asthma can increase risk of coughing and wheezing
Specific Target Organ Toxicity (STOT)—repeated exposure	Respiratory conditions such as asthma can increase risk of coughing and wheezing. The risk of lung cancer is increased in people with Silicosis.
Aspiration Hazard	No Data Available

11.6 Mixtures of chemicals
This product contains Portland Cement (CAS-65997-15-1) and other materials that are considered non-hazardous. The information provided in this SDS has been collated based on the materials listed above.

Section 12: Ecological Information

12:1 Ecotoxicity
In dry form, product may be hazardous to aquatic environment due to the alkaline nature of the product. It is non-toxic to aquatic environment when product is cured.
12:2 Persistence & Degradability
Product is persistent and has a low degradability
12:3 Bio-accumulative potential
No data available
12:4 Mobility in soil
Low mobility would be expected in a landfill situation
12:5 Other adverse effects
Avoid contamination of drains and waterways

Section 13: Disposal Considerations

Section 13:1 Safe disposal of product and packaging
P501 Dispose of contents & container waste in accordance with local regulations
Waste is considered hazardous. However cured product is considered non-hazardous. Do not allow product to enter sewerage system or drains, 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: Other Relevant Information

This SDS has been reviewed 31st July 2025 This SDS will be reviewed every 5 years. The latest version of this SDS will be available for download from https://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
HC - = Hazard Category
CAS = Chemical Abstract Service
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 manufacturers 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 Work Safe Australia/NOHSC guidelines