

**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: ADH-41 Smooth White Powder Mastic  
Tile Adhesive  
Other Names: None  
Product Code: ADH-41

**1:2 Relevant identified uses of the product**

Application: A cement based tile adhesive for  
internal wall and floor applications

**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: Skin Irritation HC-2 (H315), Eye Irritation HC-2A (H319), STOT SE HC-3 (H335),  
STOT RE HC-2 (H373)



Signal Word: **WARNING**

**Hazard Statements:**

H315 Causes skin irritation  
H319 Causes serious eye irritation  
H335 May cause respiratory irritation  
H373 May cause damage to organs through  
prolonged or repeated exposure

**Precautionary Statements:**

P260 Do not breathe dust  
P280 Wear protective gloves, eye and face  
protection  
P264 Wash skin thoroughly after handling

P271	Use in well-ventilated area
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P332 + P313	If eye irritation persists seek medical advice/attention
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P332+313	If skin irritation occurs, seek medical advice/attention
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
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 cement

Chemical Name	CAS-No.	%	Hazard Classification
Portland Cement	65997-15-1	30-60%	STOT SE HC-3 H335 Skin Irritation HC-2 H315 Eye Irritation HC-2 H319 STOT RE HC-2 H373
Non Hazardous Ingredients	N/A	40-100%	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 concerned
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. Consult a physician if irritation persists
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 the 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**

The exposure limits for ingredients are listed below

Chemical Name	CAS No.	Exposure Limit	Type	References
Portland Cement – respirable dust	65997-15-1	3 mg/m <sup>3</sup>	TWA	USECHH 2000
Portland Cement – inhalable dust	65997-15-1	10 mg/m <sup>3</sup>	TWA	USECHH 2000

**8:2 Exposure controls**

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

**8:3 Personal protective equipment (PPE)**

Wear protective gloves

Wear goggles/face shield

Wear protective clothing including boots

Face protection should be used in connection with splashing work

Use respiratory equipment with particle filter during dust raising 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 fine white powder
Odour:	Cement
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:	3
Volatile component:	N/A
Auto ignition temp	N/A

**Section 10: Stability & Reactivity**

**10:1 Reactivity**

None known

**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: None Known

Hazardous reactions: N/A

**10:5 Hazardous decomposition products**

N/A

**Section 11: Toxicological Information**

**11:1 Information and symptoms related to exposure**

Acute Toxicity:	No data available
Skin corrosion/irritation:	Repeated or prolonged exposure to skin can cause dermatitis
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:	No data available
Reproductive Toxicity:	No data available
Specific Target Organ Toxicity (STOT) Single Exposure:	Can cause coughing and irritation to airway
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 Numerical measures of toxicity**

No data available

**11.3 Immediate, delayed or chronic health effects from exposure**

Immediate:	Irritation of the skin, eyes & respiratory tract
Delayed:	Allergic skin reaction, irritation, coughing wheezing & possible injury to eyes
Chronic:	Increased chance of bronchitis, conjunctivitis, ulcers of the nose & dermatitis

**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**

<b>14:1 UN number:</b>	None allocated
<b>14:2 Proper shipping name:</b>	None allocated
<b>14:3 Transport hazard class:</b>	None allocated
<b>14:4 Packaging group:</b>	None allocated
<b>14:5 Environmental hazards:</b>	N/A
<b>14:6 Special transport precautions:</b>	N/A
<b>14:7 Hazchem code:</b>	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 14<sup>th</sup> November 2016. This SDS will be reviewed every 5 years. The latest version of this SDS will be available for download from [actaus.com](http://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

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STOT RE = Specific Target Organ Toxicity – Repeated Exposure  
mg/m<sup>3</sup> = 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**