



SAFETY DATA SHEET
HeliBond (powder component)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product Identifier

Product name HeliBond (powder component)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses Cement grout.

1.3 Details of the supplier of the safety data sheet

Supplier Ancon Building Products
98 Kurrajong Avenue
Mount Druitt
Sydney
Australia
NSW 2770

Tel: 1300 66 70 71
Fax: 02 9669 1702
Email: sales@helifix.com.au
Website: www.ancon.com.au/helifix

Contact person sales@helifix.com.au

1.4 Emergency telephone number

1300 66 70 71 Mon – Fri 09:00 – 17:00
Police and Fire Brigade: 000
Poisons Information Centre: 13 11 26

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 STOT SE 3 - H335 STOT SE 3 - H335

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

Xi; R41, R37/38. R43

Human health

Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping. Dust may irritate the respiratory system.



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Environmental

The product is not expected to be hazardous to the environment.

2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H335 May cause respiratory irritation.

Precautionary statements

- P260 Do not breathe dust.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P501 Dispose of contents/container in accordance with national regulations.

Contains

PORTLAND CEMENT, CALCIUM SULFATE

Supplementary precautionary statements

- P264 Wash contaminated skin thoroughly after handling.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P404 Store in a closed container.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

PORTLAND CEMENT

50-80%

CAS number: 65997-15-1 EC number: 266-043-4

Classification

Classification (67/548/EEC or 1999/45/EC)

Skin Irrit. 2 - H315

Xi;R37,R38,R41. R43.

Eye Dam. 1 - H318

Skin Sens. 1B - H317

STOT SE 3 - H335

STOT SE 3 - H335



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QUARTZ SAND			20-50%
CAS number: 14808-60-7	EC number: 238-878-4		
Classification		Classification (67/548/EEC or 1999/45/EC)	
Not Classified		-	
CALCIUM SULFATE			1-5%
CAS number: 7778-18-9	EC number: 231-900-3	REACH registration number: 01-2119444918-26	
Classification		Classification (67/548/EEC or 1999/45/EC)	
Skin Irrit. 2 - H315 -			
Eye Dam. 1 - H318			

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Remove affected person from source of contamination. Get medical attention if any discomfort continues.

Ingestion

Do not induce vomiting. Give plenty of water to drink. Get medical attention if any discomfort continues.

Skin contact

It is important to remove the substance from the skin immediately. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation

Irritation of nose, throat and airway.

Ingestion

May cause stomach pain or vomiting.

Skin contact

Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

Eye contact

Severe irritation, burning and tearing.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor

No specific recommendations. If in doubt, get medical attention promptly.



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SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

The product is non-combustible.

5.2. Special hazards arising from the substance or mixture

Specific hazards

No unusual fire or explosion hazards noted.

Hazardous combustion products

No known hazardous decomposition products.

5.3. Advice for firefighters

Protective actions during firefighting

No specific firefighting precautions known.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions

Avoid discharge into drains.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Avoid generation and spreading of dust. No specific clean-up procedure recommended.

6.4. Reference to other sections

Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in Section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Usage precautions

Avoid generation and spreading of dust. Avoid breathing dust. Avoid contact with eyes. Avoid contact with skin.

Advice on general occupational hygiene

Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

No specific recommendations.



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7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits

PORTLAND CEMENT

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³

QUARTZ SAND

Long-term exposure limit (8-hour TWA): WEL 0,1 mg/m³

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

The following protection should be worn: Chemical splash goggles.

Hand protection

It is recommended that chemical-resistant, impervious gloves are worn.

Other skin and body protection

Wear appropriate clothing to prevent skin contamination.

Hygiene measures

Use engineering controls to reduce air contamination to permissible exposure level. Use appropriate skin cream to prevent drying of skin.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance

Dusty powder.



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Colour

Dark. Grey.

Odour

No characteristic odour.

Odour threshold

Not determined.

pH

Not determined.

Melting point

Not applicable.

Initial boiling point and range

Not applicable.

Flash point

Not applicable.

Evaporation rate

Not applicable.

Evaporation factor

Not applicable.

Flammability (solid, gas)

Not applicable.

Upper/lower flammability or explosive limits

Not applicable.

Other flammability

Not applicable.

Vapour pressure

Not applicable.

Vapour density

Not applicable.

Relative density

Not determined.

Bulk density

Not determined.

Solubility(ies)

Insoluble in water

Partition coefficient

Not applicable.



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Auto-ignition temperature

Not determined.

Decomposition Temperature

Not determined.

Viscosity

Not applicable.

Explosive properties

Not applicable.

Explosive under the influence of a flame

No

Oxidising properties

Does not meet the criteria for classification as oxidising.

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

The following materials may react with the product: Acids.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

The following materials may react with the product: Acids.

10.4. Conditions to avoid

Avoid contact with water. Avoid contact with: Acids.

10.5. Incompatible materials

Materials to avoid

Avoid contact with acids.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Skin sensitisation

Sensitising.

Inhalation

Dust may irritate the respiratory system.

Ingestion

No harmful effects expected from quantities likely to be ingested by accident.



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Skin contact

Powder may irritate skin. Prolonged or repeated exposure may cause severe irritation. May cause sensitisation by skin contact.

Eye contact

Repeated exposure may cause chronic eye irritation.

Acute and chronic health hazards

This product may cause skin and eye irritation. Prolonged or repeated exposure may cause severe irritation. Dust may irritate the respiratory system. May cause sensitisation by skin contact.

Route of entry

Inhalation Skin and/or eye contact.

Target organs

No specific target organs known.

Medical symptoms

Skin irritation. Dry skin. Irritation of eyes and mucous membranes. General respiratory distress, unproductive cough.

Medical considerations

No information available.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability

The product is not readily biodegradable.

12.3. Bioaccumulative potential

The product is not bioaccumulating.

Partition coefficient

Not applicable.

12.4. Mobility in soil

Mobility

The product is non-volatile. Not considered mobile.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal methods

Dispose of waste via a licensed waste disposal contractor.



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SECTION 14: TRANSPORT INFORMATION

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance

Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision comments

Revision date	01/09/2014
Revision	1
SDS number	HA10

Risk phrases in full

R37 Irritating to respiratory system.
R37/38 Irritating to respiratory system and skin.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.



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R43 May cause sensitisation by skin contact.
NC Not classified.

Hazard statements in full

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.