

# Construction Material Alliance Pty Ltd ACN 600 898 137

## SECTION 1 - IDENTIFICATION OF PRODUCT AND COMPANY

Product (material) name: Easy Bond  
Product Identifier: Bond Mix  
Physical state: Grey , fine powder, in bags, odorless  
CAS number: 65-997-15-1  
Recommended use: Industrial use. Blended cement/polymer water repellent membrane for coating-bond.

Supplier name: Construction Material Alliance Pty Ltd ACN 600 898 137  
Address: Unit 4/92 Bryant Street Padstow NSW 2211  
Telephone number: +61 2 9771 0011 fax: +61 2 9771 0077  
Email: [accounts@cmapl.com.au](mailto:accounts@cmapl.com.au)  
Website: [www.cmapl.com.au](http://www.cmapl.com.au)

Emergency phone number: +61 131126 Toxicological Information Center or Doctor.

## SECTION 2 - HAZARDS IDENTIFICATION

Hazard classification: Danger, corrosive; alkaline mixture in combination with water based liquids.

Handling and/or processing of this material may generate a dust, which can cause mechanical irritation of the eyes, skin, nose or throat. Avoid exposure and obtain special instructions before use. Do not inhale dust. Do not get in eyes or on skin or clothing. Use adequate ventilation. Keep tightly closed and sealed when not in use. Wash thoroughly after handling.



Hazard Statements:  
(Classification GHS) H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H318 - Causes serious eye damage  
H335 - May cause respiratory irritation.

Precautionary Statements  
(Classification GHS) P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children  
P201 - Do not handle until all safety precautions have been read and understood.  
P261 - Avoid breathing dust  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection

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P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353+P352 - IF ON SKIN (or hair): Remove/Take off immediately contaminated clothing. Rinse skin with water/shower. Wash with plenty of soap and water.  
 P304+P340 - IF INHALED: Remove person 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.  
 P310 - Immediately call a POISON CENTER or doctor.  
 P321 - Specific treatment (see Section 4).  
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
 P362+P364 - Take off contaminated clothing and wash it before reuse.  
 P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
 P405 - Store locked up.  
 P501 - Dispose of contents/container according to local, regional, national and international regulations.

Environmental Risks: No environmental hazards when using normally.  
 Carcinogenicity: CARCINOGEN. Known to cause: lung cancer. Risk of cancer depends on duration and level of exposure.

**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

Name		
Quartz	CAS 14808-60-7	30% - 60%
Lime	CAS 1305-62-0	5% - 15%
Polymers	CAS 25212-88-8	5% - 30%
Portland cement mixture	CAS 68997-15-1	10% - 25%

**SECTION 4 - FIRST AID MEASURES**

**First aid measures:**

Eyes contact: rinse immediately and cautiously with plenty of water for 15 – 20 minutes while holding the eyelid(s) open. Check for and remove any contact lenses. Immediately call for medical attention.

Skin contact: Wash with soap and water. Get medical attention if symptoms occur.

Inhalation If inhaled, move person to fresh air. Seek medical attention for discomfort or if coughing or other symptoms do not subside.

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Ingestion: DO NOT INDUCE VOMITING. If conscious, give the victim a glass of water or milk to drink. Get medical attention immediately and/or call Poison center. Provide SDS to staff. NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing.

Notes to physician: No specific antidote. Medical staff must contact Poison Center. Physician should treat symptomatically.

Additional Notes - Silicosis - There are three (3) types of silicosis:

1) Simple chronic silicosis - which results from long-term exposure (more than 20 years) to low amounts of respirable crystalline silica. Nodules of chronic inflammation and scarring provoked by the respirable crystalline silica form in the lungs and chest lymph nodes. This disease may feature breathlessness and may resemble chronic obstructive pulmonary disease (COPD).

2) Accelerated silicosis - occurs after exposure to larger amounts of respirable crystalline silica over a shorter period of time (5-15 years). Inflammation, scarring, and symptoms progress faster in accelerated silicosis than in simple silicosis.

3) Acute silicosis - results from short-term exposure to very large amounts of respirable crystalline silica. The lungs become very inflamed and may fill with fluid, causing severe shortness of breath and low blood oxygen levels.

Progressive massive fibrosis may occur in simple or accelerated silicosis, but is more common in the accelerated form. Progressive massive fibrosis results from severe scarring and leads to the destruction of normal lung structures.

## **SECTION 5 - FIRE FIGHTING MEASURES**

Flammability:	Non-flammable. Does not burn.
Suitable extinguishing media:	Use extinguishing agent suitable for surrounding fire.
Hazards from combustion products:	None known.
Hazardous thermal decomposition products:	Decomposition products may include the following materials: carbon dioxide, carbon monoxide, sulfur oxides and metal oxide/oxides
Precautions for fire fighters:	Do not enter fire area without proper protective equipment, including respiratory protection.

## **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Personal Precautions:	No action shall be taken involving any personal risk or without sufficient training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Use appropriate personal protective equipment ((PPE) see Section 8).
Environmental precautions:	Avoid dispersal of spilled material, runoff or contact with soil, waterways, drains and sewers.
Methods for containment and Clean-up	Move containers from spilled area. Avoid material to become airborne. Scrape wet cement and place in container. Allow

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material to dry or solidify before disposal. Do not wash cement down sewage and drainage systems or into waterways.

### SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:

Wear appropriate personal protective equipment (see Sec. 8). Keep bulk and bagged cement dry until used. Stack bagged material in a secure manner to prevent falling. Bagged cement is heavy and poses risks such as sprains and strains to the back, arms, shoulders and legs during lifting and mixing. Handle with care and use appropriate control measures.

Conditions for safe storage:

Store in accordance with local regulations. Store in original container/bags protected from direct sunlight in a dry, cool and well-ventilated area. Keep it away from incompatible materials (see section 10), food and drink. Keep container/bags tightly closed and sealed until ready for use. Containers/bags that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

### SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZCHEM: No exposure limits established.

OSHA Exposure Limits: No exposure limits established.

ACGIH Exposure Limits: No exposure limits established.

Mexico National Exposure Limits: No exposure limits established.

#### Exposure controls

**Engineering measures:** Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

**Personal Protective Equipment (PPE):** Gloves. In case of dust production: protective goggles. Dust formation: dust mask. Boots in case of spill.

**General advice;** Avoid contact with skin and eyes.

**Skin protection:** Wear impervious clothing and gloves when there is a reasonable chance for skin contact. Chemical resistant protective gloves (PVC/Rubber/Nitrile/Chloroprene)

**Eye/Face protection:** Safety glasses with side-shields. AS1337 - Use chemical splash goggles. Wearing contact lenses when using Limestone, Cement and Dolomite, under dusty conditions, is not recommended.

**Respiratory Protection:** AS1716 - Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. AS approved respirator selection must be based on known or anticipated exposure levels, the hazards of the product, and assigned protection factor of the selected respirator.

**Other Information:** When using, do not eat, drink or smoke. Wash hands, forearms and face thoroughly after handling compounds and before eating, using the lavatory and at the end of the day. Follow good industrial hygiene practice.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Physical State: powder
- Appearance: grey or white
- Odor: odorless
- pH: 9 - 11
- Vapor pressure: not applicable
- Vapor density: not applicable
- Boiling point/range: not applicable
- Freezing/melting point: not applicable
- Solubility: soluble in water
- Specific density: +/-1.65kg/L
- Information for flammable materials: non flammable

## SECTION 10 - STABILITY AND REACTIVITY

- Reactivity: Reacts slowly with water forming hydrated compounds, releasing heat and producing a strong alkaline solution until reaction is substantially complete
- Chemical stability: Stable under recommended handling / storage conditions
- Conditions to avoid: Water, moisture, humidity
- Incompatible materials: Reactive or incompatible with the following materials: water, oxidizing materials, acids, aluminum and ammonium salt.
- Hazardous decomposition products: None known

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## SECTION 11 - TOXICOLOGICAL INFORMATION

### Potential health effects

LD50 and LC50:	Not available
Irritation/Corrosion:	Skin: May cause skin irritation. May cause serious burns in the presence of moisture. Eyes: Causes serious eye damage. May cause burns in the presence of moisture. Respiratory: May cause respiratory tract irritation.
Sensitization:	May cause sensitization due to the potential presence of trace amounts of hexavalent chromium.
Carcinogenicity:	May cause cancer (inhalation).
Health effects from likely routes of exposure:	Dermal contact. Eye contact. Inhalation. Ingestion
Potential acute health effects:	Eye contact: Causes serious eye damage. Inhalation: May cause respiratory irritation. Skin contact: Causes severe burns. May cause an allergic skin reaction. Ingestion: May cause burns to mouth, throat and stomach.

Toxicological data are not available. Observe the usual hygienic measures for handling chemicals.

## SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:	Ecotoxicological data are not available. No known significant effects or critical hazards
Other ecotoxicological advice:	Do not release untreated into natural waters. The local regulations on waste-water treatment must be followed

## SECTION 13 - DISPOSAL CONSIDERATIONS

### Disposal considerations:

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Un-treated waste should not be released into the sewer. Waste packaging should be recycled. Incineration or landfill

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should only be considered when recycling is not feasible. This material and its packaging material must be disposed of in a safe manner. Empty packaging or containers may retain some product residues. Avoid dispersal of spilled material and runoff, and contact with soil, waterways, drains and sewers.

### **SECTION 14 - TRANSPORT INFORMATION**

HAZCHEM:	Not allocated
US Department of Transportation:	Not allocated
TDG:	Not allocated
Mexico Transport Information:	Not allocated
ICAO/IATA:	Not allocated
IMDG:	Not allocated

#### International Lists:

This product,(and its ingredients) is (are) listed on national inventories, or is (are) exempted from being listed, in Australia (AICS), in Europe (EINECS/ELINCS),

### **SECTION 15 - REGULATORY INFORMATION**

The material is not subject to special labeling. It should be handled in accordance with good hygiene and safety practice.

### **Section 16 - Other information**

Date of issue: May 19, 2017      Version: 1      Revised Section(s): n/a  
NFPA:      Health: 1      Flammability: 0      Instability: 0

For industrial use only. For more information consult the Technical Data Sheet.

Information contained in this safety data sheet is based on own data and public sources deemed valid or acceptable. The absence of data elements required by ANSI or 1907/2006/EC indicates that no data meeting these requirements is available.

#### **Notice to reader**

While the Information provided in this SDS is believed to provide a useful summary of the hazards of this dry good Portland cement mix as it is commonly used, the sheet cannot anticipate and provide all of the information that might be needed in every situation. Inexperienced product users should obtain proper training before using this product. In particular, the data furnished in this sheet do not address hazards that may be posed by other materials mixed with this product to produce cementitious products. Users should review other relevant material safety data sheets before working with this product or its mixed state.

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