

# SMARTBRIC ADD-MIX

## Mortar Additive

Hazardous According to Criteria of Safe Work Australia and GHS Classification

### SECTION 1 - IDENTIFICATION

**Supplier Name:** FVA Group (Trading as Fairview)  
**Address:** 8/20 Donald Street, Lithgow NSW 2790  
**Telephone Number:** 1800 007 175  
**Website:** www.fv.com.au  
**Emergency Telephone Number:** 13 11 26 (Poisons Information Centre)  
**Contact Point:** 02 6352 2355 (Technical Department)  
**Product Name:** SMARTBRIC ADD-MIX  
**Other Names:** ADD-MIX

**Recommended Use:** Additive; Mortar Additive

### SECTION 2 - HAZARD IDENTIFICATION



**Product Classification:** GHS08

**Signal Word:** Danger

**Hazard Statements:**

H350i May cause cancer by inhalation

**Precautionary Statements:**

P201 Obtain special instructions before use

P202 Do not handle until all safety precautions have been read and understood

P280 Wear protective gloves / protective clothing / eye protection / face protection

P308 + P313 If exposed or concerned; Get medical attention / advice

### SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

**Ingredients**

Chemical Name	CAS Number	Proportion (%w/w)
Limestone (Calcium Carbonate)	1317-65-3	> 60%
Benzenesulfonic Acid, Mono-C10-16-Alkyl Derivs., Sodium Salts	68081-81-2	< 1%
Quartz (Crystalline Silica)	14808-60-7	< 1%
Cellulose, 2-Hydroxyethyl Methyl Ether	9032-42-2	< 15%

## SECTION 4 - FIRST AID MEASURES

- Ingestion:** Thoroughly rinse mouth and throat with plenty of water. DO NOT induce vomiting. Seek immediate medical attention.
- Eye:** Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids should be held open. Urgently seek medical assistance (transport to hospital or medical centre) as a precaution for all eye injuries.
- Skin:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
- Inhalation:** Remove from exposure to fresh air. Lay down and rest. If not breathing, apply resuscitation. For all but the most minor symptoms, arrange for patient to be seen by a doctor as soon as possible.

### CONTACT POISONS INFORMATION CENTRE FOR FURTHER ADVICE (on 13 11 26)

**First Aid Facilities:** Eye Wash, Hand Wash

#### Advice to Doctor

Treat symptomatically based on judgement of doctor and individual reactions of patient. Show this SDS to the Doctor.

Repeated exposure to crystalline silica may result in lung fibrosis (silicosis). Principal symptoms of silicosis are coughing and breathlessness.

## SECTION 5 - FIRE FIGHTING MEASURES

#### Fire/Explosion Hazard

This product is non-flammable, and no fire or explosion hazard exists.

#### Hazardous Decomposition or By-Products

May evolve toxic gases if strongly heated. May evolve carbon oxides and calcium oxides when heated to decomposition.

#### Fire Fighting Procedures

Where possible and safe to do so, remove cool containers from path of fire. DO NOT approach hot or fire-damaged containers. Cool UNRUPTURED containers with water and use water delivered as a fine spray to cool adjacent area.

**Extinguishing Media** Use an extinguishing agent suitable for principal cause of fire.

**Hazchem Code** None allocated

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

#### Spills or Leaks

Avoid accidents and clean up immediately. Avoid contact with skin and eyes by wearing full protective clothing including full face protection.

Prevent product from entering drains and waterways.

Contain spillage, keep moist and place in suitable containers for disposal or reapplication. Within enclosed environments, clean spill site using wet methods or an approved industrial vacuum device. Avoid generating dust.

## SECTION 7 - HANDLING and STORAGE

### Handling

Before use, carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation.

As with all industrial chemicals, good general hygiene is always recommended. This includes no eating, drinking or smoking in areas where product is stored; always wash hands and remove contaminated clothing and protective equipment before entering eating areas.

### Storage

Store in a cool, dry, well-ventilated area, removed from incompatible substances and foodstuffs.

Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.

### Packaging

4 Kg Plastic (Polypropylene) Pail

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### National Exposure Standards

No exposure standards have been established for this product by the National Occupational Health and Safety Commission (NOHSC). However, information for some of the constituents in this product is as follows:

Ingredient	Reference	TWA	
		ppm	mg/m <sup>3</sup>
Calcium Carbonate (limestone, marble, whiting)	SWA [AUS]	-	10
Quartz (respirable dust)	SWA [AUS]	-	0.05
Quartz (respirable dust) (Precautionary advice)	WorkSafe VIC	-	0.02

### Biological Limit Values

No Biological Limit Allocated for this product.

### Engineering Controls

Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, a local mechanical exhaust system is recommended. Maintain dust levels below the recommended exposure standard.

### Personal Protective Equipment

**Eye / Face** Wear safety glasses or dust-proof goggles when handling material

**Hands** Wear PVC, rubber or cotton gloves when handling material

**Body** Wear long sleeved shirt and full-length trousers

**Respiratory** Where an inhalation risk exists, wear a Class P1 (particulate) respirator, dependent on a site-specific risk assessment.



## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

### Physical Description/Properties

Appearance:	White Powder
Odour:	Odourless
Flammability:	Non-Flammable
Flash Point:	Not Applicable
Boiling Point:	Not Available
Melting Point:	> 360°C
Evaporation Rate:	Not Available
pH @ 20°C:	Not Available
Relative Density:	1.9 to 2.1
Solubility in Water:	100 g / L (approx.)
Density:	700 kg / m <sup>3</sup> to 1200 kg / m <sup>3</sup> (Bulk)

## SECTION 10 - STABILITY and REACTIVITY

### Chemical Stability

Stable under recommended conditions of storage.

### Conditions to Avoid

Avoid heat, sparks, open flames and other ignition sources.

### Incompatible Materials

Incompatible with acids (e.g., Nitric acid), fluorine, aluminium (hot) and ammonium salts. Also incompatible with magnesium.

### Hazardous Reactions

Calcium carbonate reacts with acids and acidic salts to generate gaseous carbon dioxide with effervescence. The reaction with concentrated solutions of acids is rapid and generates heat. The effervescence can create extensive foaming. Ignites on contact with fluorine.

### Hazardous Decomposition Products

May evolve carbon oxides and calcium oxides when heated to decomposition.

## SECTION 11 - TOXICOLOGICAL INFORMATION

This product is expected to be of low toxicity. Under normal conditions of use, adverse health effects are not anticipated. However, ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation.

### Information Available for the Ingredients:

Ingredient	Oral LD50	Dermal LD50	Inhalation LD50
Limestone (Calcium Carbonate)	> 5000 mg / kg (rat)	-	-

- Skin:** Not classified as a skin irritant. Contact may result in irritation, redness and rash.
- Eye:** Not classified as an eye irritant. However, this product may cause eye irritation with redness and lacrimation.
- Sensitisation:** Not classified as causing skin or respiratory sensitisation.
- Mutagenicity:** Insufficient data available to classify as a mutagen.
- Carcinogenicity:** Crystalline silica is classified as carcinogenic to humans (IARC Group 1). However, there is a body of evidence supporting the fact that increased cancer risk would be limited to people already suffering from silicosis.
- Reproductive:** Insufficient data available to classify as a reproductive toxin.
- Single Exposure:** Not classified as causing organ damage from single exposure.
- Repeat Exposure:** Repeated exposure to respirable silica may result in pulmonary fibrosis (silicosis).
- Aspiration:** This product is a solid and aspiration hazards are not expected to occur.

## SECTION 12 - ECOLOGICAL INFORMATION

The main component/s of this product are not anticipated to cause any adverse effects to the environment and not expected to bioaccumulate. Product is persistent and would have a low degradability.

## SECTION 13 - DISPOSAL CONSIDERATIONS

Ensure product is covered with moist soil to prevent dust generation and dispose of to approved Council landfill. Contact the manufacturer / supplier for additional information (if required).

Dispose of in accordance with relevant local legislation.

## SECTION 14 - TRANSPORT INFORMATION

**Not classified as a Dangerous Good by the Criteria of the ADG Code, IMDG or IATA**

<b>UN Number</b>	None allocated
<b>UN Proper Shipping Name</b>	None allocated
<b>Transport Hazard Class</b>	None allocated
<b>Packing Group</b>	None allocated
<b>Hazchem Code</b>	None allocated

## SECTION 15 - REGULATORY INFORMATION

Classified according to the Globally Harmonised System (GHS).

Hazardous according to the Criteria of the National Occupational Health and Safety Commission and Safe Work Australia

A poison schedule number has not been allocated to this product by The Standard for the Uniform Scheduling of Medicines and Poisons.

## SECTION 16 - OTHER INFORMATION

### Literature References and Sources for Data

The information contained in this Safety Data Sheet has been derived from the following sources:

- Raw Material Supply Houses' Safety Data Sheets.
- Hazardous Substance Information System (HSIS), December 2016
- Guidance on the Classification of Hazardous Chemicals Under the WHS Regulations, April 2012 Safe Work Australia
- The Australian Code for the Transport of Dangerous Goods by Road and Rail (Edition 7.5, 2017)
- Preparation of Safety Data Sheets for Hazardous Chemicals, Code of Practice, February 2016 Safe Work Australia

### **Important Advice:**

This document has been compiled on behalf of the manufacturer, importer or supplier of the product and serves as their Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge and to the appropriate safety and handling precautions for the product at the time of issue.

It is given in good faith to assist in the use of the above product without risk to safety or health. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. The data in this SDS relates only to this specific product described herein and does not relate to use in combination with any other material or in any process. It is the users' obligation to assure safe use of the product

Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, importer or supplier.

**END OF SDS**