

# Safety Data Sheet

according to 91/155/EEC and ISO 11014-1

(see instructions in Annex to 93/112/EC)

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Revised: 09.03.05

MSDS No.: 487

**CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA**

## 1. Identification of the substance/preparation and company

Product

Product name

**Sika Mix&Go**

Manufacturer/supplier information

Manufacturer/supplier:

Sika Australia Pty Ltd

Street/postbox:

55 Elizabeth Street

Town/City and Post Code:

WETHERILL PARK N.S.W.

Country:

AUSTRALIA

Phone:

(02) 9725 1145 (AUS)

Telefax:

(02) 9725 3330 (AUS)

General information:

Operations Manager

Emergency information phone:

1 800 033 111 (AUS)

## 2. Composition/information on ingredients

Chemical characterization

Mixture of cements, aggregates and additives

Hazardous Ingredients

CAS No.	Concentration	Danger symbols	R phrases
EC No.			
. Cement			
65997-15-1	30 - 60%	Xi	41, 37/38
266-043-4			
. Calcium dihydroxide			
1305-62-0	1 - 10%	Xi	41, 37/38
215-137-3			
. Limestone			
1317-65-3	1 - 10%		
215-279-6			
Quartz (SiO <sub>2</sub> )			
14808-60-7	>60%		
238-878-4			
. Calcium carbonate			
471-34-1	1 - 10%		
207-439-9			
. Calcium diformate			
544-17-2	1 - 10%		41
208-863-7			

## 3. Hazards identification

Hazards identification

Xi Irritant

Information on hazards to man and to the environment

37/38 Irritating to respiratory system and skin.

41 Risk of serious damage to eyes.

#### **4. First-aid measures**

General instructions

In any case show the physician the Material Safety Data Sheet (or label)

After inhalation

In case of irritation when dust is inhaled, provide plenty of fresh air  
In the event of symptoms take medical treatment.

After skin contact

In case of contact with skin wash off immediately with soap and water.  
Consult a doctor if skin irritation persists.

After eye contact

In case of contact with eyes, rinse immediately for at least 15 minutes  
with plenty of water. Summon a doctor immediately.

After ingestion

Do not induce vomiting.  
Seek immediate medical assistance.

#### **5. Fire-fighting measures**

Suitable extinguishing media

water  
foam  
dry powder

Exposure hazard arising from the product, its combustion products or  
resulting gases

In the event of fire the following can be released:

Carbon monoxide (CO)  
Carbon dioxide (CO<sub>2</sub>)  
Nitrogen oxide (Nox)

Special protective equipment for fire-fighting

Use breathing apparatus

Additional information

Product does not burn by itself.  
Use extinguishing measures to suit surroundings.  
Fire residues and contaminated fire fighting medium must be disposed  
of in accordance with the local regulations.

#### **6. Accidental release measures**

Personal precautions

Avoid dust formation.  
Use personal protective clothing.  
Use breathing apparatus if exposed to vapours/dust/aerosol.

Environmental precautions

In case of entry into waterways, soil or drains inform the responsible  
authorities.

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## 6. Accidental release measures (continued)

Procedures for cleaning up

Pick up mechanically

When picked up, treat material as prescribed under heading "Disposal".

## 7. Handling and storage

Handling

Instructions for safe handling

See chapter 8 / "Personal protective equipment".

Avoid dust formation.

Use only in well ventilated areas.

Instructions for fire and explosion protection

Not applicable.

Storage

Requirements for storage rooms and containers

Keep container tightly closed dry, in a weather-proof place.

Combined storage instructions

Keep away from food, beverages and animal feedstocks.

Additional information regarding storage

Protect from atmospheric moisture and water.

## 8. Exposure controls/personal protection

Substances having workplace related exposure values/limits which may require monitoring for assessment purposes.

Designation of substance			
Cas No.	Type		
. Calcium dihydroxide			
1305-62-0	VME		5 mg/m3
. Limestone			
1317-65-3	VME		10 mg/m3
. Quartz (SiO <sub>2</sub> )			
14808-60-7	VME		10 mg/m3
. Calcium carbonate	VME		10 mg/m3

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## 8. Exposure controls/personal protection (Continued)

### Personal protective equipment

General protective and hygiene measures

Do not inhale dust.

Use barrier creams.

Ensure adequate ventilation or exhaust during use.

Do not eat, drink or smoke during work time.

Wash hands before breaks and after work.

### Respiratory protection

Dust protection mask

### Hand protection

Butyl rubber/nitrile rubber gloves.

### Eye protection

Safety glasses/face shield

### Body protection

Suitable working clothes (overalls) and enclosed footwear.

## 9. Physical and chemical properties

### Appearance

Physical state: powder

Colour: grey

Odour: odourless

### Data relevant to safety

Flash point not applicable

Loose bulk density 1.23g/cm<sup>3</sup>

Compact bulk density 1.62g/cm<sup>3</sup>

Solubility in water misible

@ 20°C

pH value @ 20°C >11

(10g/100ml water)

### Method

## 10. Stability and reactivity

### Materials to avoid/dangerous reactions

Hazardous reaction possible with acids.

### Thermal decomposition and hazardous decomposition products

No decomposition if used as prescribed.

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### **11. Toxicological Information**

Sensitization  
When skin contact  
Sensitization/allergic reaction possible.

#### Experience on humans

When skin contact:  
May cause irritation  
When eyes contact:  
Irritation  
May cause irreversible damage to eyes.  
When inhaled:  
Irritation  
When swallowed  
Small amounts may cause considerable health disorders.

### **12. Ecological information**

Additional information  
Due to high pH, aquatic organisms may be harmed.  
Do not allow to enter waste water drains, waterways or soil.  
Once cured the product will be unlikely to have any adverse effect on the environment.

### **13. Disposal considerations**

Product  
Recommendations  
Dispose in accordance with the local authority regulations.  
See chapter 15, national regulations.

#### Packaging

Recommendations  
Completely emptied packaging can be given for recycling.  
Packaging containing remains of the product can be disposed as product waste according to the local regulations.

### **14. Transport information**

#### ADG/ADR/RID

Further information  
No dangerous goods.

#### IMO/IMDG

Not a marine pollutant.  
Further information  
No dangerous goods.

#### IATA/ICAO

Further information  
No dangerous goods.

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### 15. Regulatory information

Labelling according to EEC Directive

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Danger symbols

Xi                      Irritant

R phrases

37/38                      Irritating to respiratory system and skin.

41                         Risk of serious damage to eyes.

S phrases

2                         Keep out of reach of children

26                         In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

39                         Wear eye/face protection

46                         If swallowed, seek medical advice immediately and show the container or label.

### 16. Other information

asterisk (\*) on left margin marks modification of previous version.

Recommended use: Chemical product for construction and industry.

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to any use and processing.