



TRADE NAME : *Sikacrete -114*

## 1.1 Chemical

Mixture of non-shrinkage cement, based grout containing additive, aggregate and fillers ready for use as a high strength grouting and repair mortar.

## 1.2 Characterization :

**Form :** Powder

**Color :** Gray

**Odor :** none

## 2. Physical Data and Safety Data

**Density** 20° C ~ 2400 kg/m<sup>3</sup>

**PH value** 14

**Thermal decomposition** 550 ° C

**Hazardous decomposition products** Cao

**Hazardous Reactions** Exothermic reaction with acids.

## 3. Safety Precautions

Accidental splashes to the skin must be washed off with soap and water.

Accidental splashes to the eyes or mucous membrane must be rinsed with clean warm water.

## 4. Protective measures storage and handling

### 4.1 Technical protective measures

Storage temperature min/max. : +5 / +35 ° C

Keep only in the original container.

Keep container tightly closed.

Keep away from heat and frost.

Keep away from acids.

### 4.2 Personal Protective Equipment

**Respiratory protection:** Dust protection mask.

**Eye Protection :** Tightly fitting protective goggles

**Hand Protection:** Gloves. E.g. rubber , minimum thickness 1.4 mm

**Others :** N.A

### 4.3 Industrial Hygiene

During use. Eating, drinking or smoking is not allowed. Remove immediately contaminated clothing. Wash hands before breaks and after work.

### 4.4 Protection Against Fire and Explosion

N.A.

### 4.5 Disposal

Dispose as special waste: mixture of water and hydrocarbons.

## 5. Measures in Case of Accidents

Fight fire with CO<sub>2</sub>, Foam or dry powder.

### 5.1 After spillage or leakage

Remove with absorbing material and dispose as prescribed

Remove residues with water.

### 5.2 Extinguish media: N.A.



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**5.3 First Aid:**

In case of contact with eyes. Rinse immediately under running water for 15 minutes with eyelids open. Seek medical advice.

Take off immediately all contaminated clothing. Wash contaminated skin with plenty of soap and water.

If swallowed, drink copious amounts of water without delay and seek medical advice. Do not induce vomiting.

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**6. Transport**

Non-hazardous.

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**7. Toxicology**

Non-toxic under relevant health and safety codes.

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**8. Ecology**

Don't release into water supplies or the ground. In cured state the product is not known to cause an adverse environmental effect. Because of the high pH value the product can be injurious to aquatic life.

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**9. Stability and reactivity**

Chemical stability

This material is thermally stable when stored and used as directed.

Conditions to avoid:

Evaluated temperatures.

Incompatible Materials:

No information available.

Hazardous decomposition products:

Oxides of carbon, smoke and other toxic fumes.

Hazardous reactions:

No information available.

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**10. Disposal considerations**

Refer to State/Territory Land Waste Management Authority.



**11. Regulatory information**

Poisons Schedule (Aust):  
Not applicable.

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**12. Handling and storage**

**Handling :**

Avoid skin and eye contact.

**Storage:**

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in section 9.

Keep containers closed when not in use – check regularly for leaks.

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**13. Exposure controls/personal protection**

National occupational exposure limits:

No value assigned for this specific material

**Biological limit values:**

As per the " National Model Regulations for the control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]" the ingredients in this material do not have a Biological Limit Allocated.

**Engineering measures:**

Provide exhaust ventilation where operating conditions may create excessive work place vapor or mists.

**Personal protection equipment:**

OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Wear overalls, safety glasses and impervious gloves.

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**14. Fire-fighting measures:**

Specific hazards:

Non – combustible material.

Specific protective precautions and equipment:

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapor or products of combustion.



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**15. Hazard identification**

Hazard Category:

Risk Phrase(s) :

Safety Phrase(s):

**16. Consumption/information on ingredients**

Chemical characterization:

**Mixture of non-shrinkage cement, based grout containing additive, aggregate and fillers ready for use as a high strength grouting and repair mortar.**

Hazardous ingredients:

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