



# Safety Data Sheet

March 2018

TRADE NAME : **SIKA Grout -214**

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## 1.1 Chemical

Mixture of cement, additive and sand ready for use as a high strength repair mortar.

### Characterization :

1.2 **Form :** Powder                      **Color :** grey                      **Odor :** No Odor

## 2. Physical Data and Safety Data

**Density** 20° C                      ~ 2.2 kg/l  
**pH Value** (100 g/l H<sub>2</sub>O)                      14  
**Thermal decomposition**                      550 Degrees Celsius  
**Hazardous decomposition**                      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 / + 40° C  
Keep only in the original container  
Keep away from heat and frost.  
Avoid dust formation during application.  
Keep away from acids.

### 4.2 Personal Protective Equipment

**Respiratory protection:** Required if used confined areas or if ventilation is inadequate.  
**Eye Protection :** Tightly fitting protective goggles  
**Hand Protection:** Gloves. E.g. rubber , minimum thickness 1.4 mm  
**Others :** Experts always wear the right protective clothing

### 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

Waste Disposal Method:- Pickup and reuse clean materials. Dispose of waste materials only in accordance with applicable federal state, and local laws and regulations.

## 5. Measures in Case of Accidents

### 5.1 After spillage or leakage

Spilled materials, where dust can be generated, may overexpose cleanup personnel to respirable crystalline silica containing dust. Wetting of spilled material and/or use respiratory protective equipment may be necessary. Do not dry sweep spilled material

### 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**

ADG/ADR/RID

Not classified as Dangerous Goods by the criteria of the ADG Code.

IMDG

Not classified as Dangerous Goods by the criteria of the IMDG Code for transport by sea.

IATA

Not classified as Dangerous Goods by the criteria of the IATA Dangerous Goods Regulation for transport by air.

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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.



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**11. Regulatory information**

Poisons Schedule (Aust):  
Not applicable.

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**12. Handling and storage**

**Handling :**

Avoid skin and eye contact.

**Storage:**

This product is not intended or designed for use as an abrasive blasting medium or for foundry applications, and should not be used for these purposes.

Respirable crystalline silica-containing dust may be generated during processing, handling and storage.

Don't store near food and beverages or smoking materials

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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:

**Aqueous solution of modified Polycarboxylates**

Hazardous ingredients:

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