



TRADE NAME : *Sika Cem Gard BR1 (A)*

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1.1 Chemical
Acrylic Aquous emulsion

1.2 Characterization :

Form: Liquid

Color: Milky-White

Odor: Characteristic.

2. Physical Data and Safety Data

Boiling Point 100 °C

Density 20° C ~ 1.01 ± 0.02 gm/cm³

PH value 7.5 (typical)

Flash Point > 200 °C

Hazardous decomposition products After evaporation of water, combustion will generate:
Oxides of carbon. Acrylic monomers, acrid smoke
And irritating fumes.

Hazardous Reactions Exothermic reaction.

3. Safety Precautions

Avoid contact with skin and eyes.

4. Protective measures storage and handling

4.1 Technical protective measures

Storage temperature min/max : +5 : +25 °C

Keep only in the original container.

Keep container tightly closed.

Keep away from heat and frost.

Avoid dust formation during mixing application.

Keep away from extremes of cold.

4.2 Personal Protective Equipment

Respiratory protection: Protection mask.

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

Wash hands before breaks and after works.

4.4 Protection Against Fire and Explosion

N.A.

4.5 Disposal

Dispose as special waste: mixture of water and hydrocarbons.

N.A = not applicable

blank = no data available



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5. 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.

6. Transport

Non-hazardous.

7. Toxicology

Non-toxic under relevant health and safety codes.

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.

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.

10. Disposal considerations

Refer to State/Territory Land Waste Management Authority.



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11. Regulatory information

Poisons Schedule (Aust):
Not applicable.

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.

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.

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:

Acrylic Aquous emulsion

Hazardous ingredients:

SIKA EGYPT

Cairo Sales Office

222 El Hegaz St. , Heliopolis

P.O. Box : 2943 El Horria (11361) Cairo

Phone : +202 – 26235032 / 4

Fax : +202 - 26235637

Alex. Sales & Factory

4, Mohamed Masoud St. ,Beh. Olemby Club

P.O.Box 2579 El Sarai + Alexandria

Phone : 4244601 /2/3/5

Fax : 4244604

Borg El Arab Factory

Tel. : 4592654 - 4591417 Fax: 4592036