



Material Safety Data

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TRADE NAME : **SIKA -4a**

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1.1 Chemical

Quick setting viscous Alkaline liquid additive, ready for use as waterproofing admixture for cement.

1.2 Characterization :

Form: Liquid **Color:** Red **Odor:** Characteristic.

2. Physical Data and Safety Data

Density 20° C ~ 1.25 Kg/l

pH Value (100 g/l H₂O) 12

Hazardous decomposition products After evaporation of water, combustion will generate: oxides of carbon. Alkaline monomers, acrid smoke and irritating fumes.

Hazardous Reactions Exothermic reaction.

3. Regulation.

Avoid contact with skin and eyes.

4. Protective measures storage and handling

4.1 Technical protective measures Storage temperature min/max. : -20 / +30° C

Keep only in the original container.

Keep container tightly closed.

Avoid the cement dust formation during application

'Personal Protective Equipment

Respire. : Protection mask.

4.2 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

Arrange for disposal via a licensed waste contractor.

Dispose of containers with care.

Empty packaging should be removed by a licensed waste contractor.

Dispose as special waste: mixture of water and hydrocarbons.

N.A = not applicable

blank = no data available

6. Measures in Case of Accidents and Fires

After spillage or leakage

Sweep up with sweeping aid and dispose as prescribed
Remove residues with water.

Extinguish media: Water. Foam carbon dioxide, dry powder.

Not to be used : N.A.

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.

7. Transport

Non-Toxic under relevant health and safety codes.

Contact with eyes, skin and mucous membrane causes burns. Sensitization and allergic reactions may occur due to its cement base.

8. Toxicology

Non-Toxic under relevant health and safety codes.

Ecology

Don't dispose of into water or soil, but according to local regulations.

In cured state the product is not known to cause an adverse environmental effect.

Because of the high of pH value the product can be injurious to aquatic life.

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