



Material Safety Data

May 2007

TRADE NAME : **SIKA Seal 105BR (A)**

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1.1 Chemical

Polymer modified, Aquous emulsion

1.2 Characterization :

Form: Liquid

Color: Milky-White

Odor: Characteristic.

2. Physical Data and Safety Data

Density 20° C

~ 1.0 ± 0.01 Kg/l

pH Value (100 g/l H₂O)

7.5 (typical)

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. Regulation.

A void 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

Respire. : 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

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.

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

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Safety Data Sheet

TRADE NAME : *SIKA Seal 105BR (B)*

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1.1 Chemical

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

1.2 Characterization :

Form : Powder

Color : Gray / White

Odor : Non

2. Physical Data and Safety Data

Density 20° C ~ 1.9 Kg/l

pH value 20° C 14

Thermal decomposition 550 Degrees Celsius

Hazardous decomposition products Cao

Hazardous Reactions Exothermic reaction with acids.

3. Regulation

Avoid contact with skin and eyes

4. Protective measures storage and handling

4.1 Technical protective measures

Store temperature min/max. : +5 / +40 °C

Keep only in the original container.

Keep container tightly closed.

Keep away from heat and frost.

Avoid dust formation during application.

Keep away from acids.

4.2 Personal Protective Equipment

Respire: Dust 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

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 and Fires

5.1 After spillage or leakage

Remove with absorbing material and dispose as prescribed

Remove residues with water.

5.2 Extinguish media: N.A.

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.

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.

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