



TRADE NAME : *SIKA Ferrogard 903*

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## 1.1 Chemical

One component based on organic compounds.

## 1.2 Characterization :

**Form:** Liquid

**Color:** Transparent

**Odor:** None.

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## 2. Physical Data and Safety Data

**Density** 20° C ~ 1.04 Kg/l

**pH :** ~ 10

**Flash Point** > 212 ° F

**Hazardous decomposition products** None known.

**Hazardous Reactions**

Exothermic reaction

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## 3. Safety Precautions

Avoid contact with skin and eyes.

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## 4. Protective measures storage and handling

### 4.1 Technical protective measures

Storage temperature between + 5 : + 30 °C

Keep container tightly closed.

Keep away from heat and frost.

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

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

In the event of a fire, firefighters should wear full protective clothing and NIOSH-approved self-contained breathing apparatus with a full face piece operated in the pressure demand or other positive pressure mode

### 4.5 Disposal

Dispose as special waste: mixture of water and hydrocarbons.

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**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:**

Water, foam carbon dioxide, dry powder.

N.A = not applicable

blank = no data available

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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.



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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:**

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:**

Thixotropic epoxy resin.

**Hazardous ingredients:**