

MATERIAL SAFETY DATA SHEET

1. Identity **Red Ink for Ink-Cartridge SJIC2(KR)**

Manufacturer : SEIKO EPSON CORPORATION Matsumoto Minami Plant
Address : 2070 Kotobuki Koaka, Matsumoto-Shi, Nagano-Ken 399-8702, JAPAN
Telephone : 81-263-86-9790 (Facsimile Number : 81-263-86-9928)
Section : SD Design & Engineering Support Group

2. Composition/Information on Ingredients

This product is a mixture of the following:

Water (CAS No.7732-18-5) : Greater than 70 wt%
Glycerol (CAS No.56-81-5) : Less than 20 wt%
Azo-Dyestuff : Less than 5 wt%
Others

3. Hazards Identification

This product is not classified as hazardous or toxic.

Main hazards or toxicity are as follows:

Hazards : None observed.
Toxicity : No data.

4. First - Aid Measures

Skin Contact : Rinse with large quantities of water and wash off with soap or other cleanser.

If the red stain does not wash off, rub it gently with a soaped towel.

Eye Contact : Immediately rinse with large quantities of fresh water.

If there is still irritation or pain after 15 minutes of rinsing, consult an ophthalmologist without delay.

When rinsing the eyes, open the eyelids with your fingers to ensure that water reaches the eyeballs and all parts of the lids.

Inhalation : Inhalation of fumes generated under normal use conditions presents no problem.

However, the inhalation of fumes formed by heating should be avoided.

If large quantities of such fumes are inhaled, move the victim to fresh air, keep them quiet and warm, and consult a physician.

Ingestion : Induce vomiting by inserting fingers in the throat, or by other means.

5. Fire - Fighting Measures

Extinguish with water-spray, CO₂ gas, dry chemical, foam.

Fire fighters should use self-contained respiration equipment to avoid inhalation of heat- or explosion-induced fumes.

6. Accidental Release Measures

If a spill or leak of ink occurs, wear protective glasses and rubber gloves, and wipe the ink with an absorbent material such as a rag or tissues, and discard.

Clean red stains with water.

7. Handling and Storage

Avoid contact with skin, eyes and clothing.

Store at room temperature. Do not store at over 40 degrees (104F).

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8. Exposure Controls/Personal Protection

Eye Protection : When the ink-cartridge containing the ink is installed in the printer and used under normal conditions, no special eye protection is necessary.

Skin Protection : When the ink-cartridge containing the ink is installed in the printer and used under normal conditions, no special skin protection is necessary.

Respiratory : When the ink-cartridge containing the ink is installed in the printer and used under normal conditions, respiratory protection is not necessary.

Ventilation : When the ink-cartridge containing the ink is installed in the printer and used under normal conditions, no special ventilation is necessary.

9. Physical and Chemical Properties

Form : Liquid

Color : Red

Odor : Slight

Boiling Point : Approximately 100 degrees C (212F)

Melting Point : Approximately -10 degrees C (14F)

Viscosity : Approximately 2.3 mPa.s (at 25 degrees C (77F))

Solubility in water : The infinite

pH value : Approximately 8

Flash Point : No data

10. Stability and Reactivity

Stability : Extremely stable under normal conditions.

Polymerization : Not expected.

Materials to Avoid : Strong oxidizing or reducing agents.

Hazardous Decomposition Products : CO gas, CO₂ gas, nitric oxide, and toxic fumes may be generated when rapidly brought to high temperature

11. Toxicological Information

Acute oral toxicity (LD₅₀) : No information is obtained.

Acute eye irritation/corrosion : No information is obtained.

Acute dermal irritation : No information is obtained.

Mutagenic activity : No information is obtained.

Sensitization : No information is obtained.

12. Ecological Information

No information on ecological effects is obtained.

13. Disposal Considerations

Waste disposal should be in accordance with federal, state and local regulations.

14. Transport Information

No information on transport is obtained.

15. Regulatory Information

No information on regulations is obtained.

16. Other Information

No other information is obtained.
