

# MATERIAL SAFETY DATA SHEET

## 1. Identity **ERC-02 II (RED/BLACK)**

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 ink is a mixture of the following:

Coloring Material  
Oil  
Additive

| Hazardous Components | CAS No.   | US. ACGIH TLV        | US. OSHA PEL         | Other Limits Recommended | % |
|----------------------|-----------|----------------------|----------------------|--------------------------|---|
| Carbon Black         | 1333-86-4 | 3.5mg/m <sup>3</sup> | 3.5mg/m <sup>3</sup> | Not applicable           | 3 |
| Mineral Oil (mist)   | 8012-95-1 | 5.0mg/m <sup>3</sup> | 5.0mg/m <sup>3</sup> |                          | 8 |

## 3. Hazard Identification

Medical Conditions: Generally Aggravated by Exposure : No data available  
Signs and Symptoms of Exposure : No data available

## 4. First - Aid Measures

SKIN : Wash away ink on skin.  
EYE : Wash with water and consult a doctor promptly.  
INHALATION : Not applicable  
OTHERS : No data available

## 5. Fire - Fighting Measures

Water mist, Foam, Dry powder, CO2 gas, others

## 6. Accidental Release Measures

If inadvertently released rewind ribbon.

## 7. Handling and Storage

Should be stored at dark and cold place.  
Refrain from taking it into the body through mouth.

## 8. Exposure Controls/Personal Protection

Respiratory Protection(Specify Type) : None  
Ventilation : Not applicable  
Protective Gloves : Desirable in some cases.  
Eye Protection : Not applicable  
Other Protective Clothing or Equipment : Not applicable  
Work/Hygienic Practices : None

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## 9. Physical and Chemical Properties

Appearance and Odor : Nylon 6-6 fabric impregnated with liquid black and red ink.  
Boiling Point : No data  
Specific Gravity : No data  
Vapor Pressure : No data  
Melting Point : No data  
Vapor Density : No data  
Evaporation Rate : No data  
Solubility in water : Negligible  
Flash Point : >150 degrees C  
Unusual Fire and Explosion Hazards : None

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## 10. Stability and Reactivity

Stability : Stable (Conditions to Avoid : Not applicable)  
Incompatibility (Materials to Avoid) : None  
Hazardous Decomposition or By-products : None  
Hazardous Polymerization : Will not occur (Conditions to Avoid : Not applicable)

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## 11. Toxicological Information

Health Hazards(Acute and Chronic) : No data available  
Carcinogenicity : Not applicable

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## 12. Ecological Information

No data available

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## 13. Disposal Considerations

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

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## 14. Transport Information

No special

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## 15. Regulatory Information

No information on regulations is obtained.

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## 16. Other Information

No other information is obtained.

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