

Material Safety Data Sheet

Ink Ribbon

For : ML5720 / 5721 / 5790 / 5791

Oki Data Corporation

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SAFETY DATA SHEET

RBN-ML5720E

1. Identification of the substance/preparation and of the company/undertaking

Product name : Ribbon Cartridge For PD436/437/438/439 #53 INK
Code :
Manufacturer : Oki Data Corporation
4-11-22, Shibaura, Minato-ku, TOKYO, 108-8551 JAPAN
Tel. +81-3-5445-6106. Fax +81-3-5445-6177
Supplier : Oki (Europe) Ltd.
1 Oki Way, Wardpark , Cumbernauld G68 0FQ, SCOTLAND, UK
Tel. +44(0) 1236 502502
Emergency telephone number : Tel. +44(0) 1236 502502
Emergency e-mail contact : MSDSQuestions@okieurope.com

2. Hazards identification

Human Health Effects : No know available information.
Environmental Effects : No know available information.
Physical and Chemical Hazards : Not flammable.
The classification of The Chemical Product : Not applicable.

3. Composition/information on ingredients

Substance or Preparation : Preparation

Chemical Nature

Ingredients	Contents (Wt %)
Carbon Black	1.0 - 2.0
Organic Pigment	12.0 - 15.0
Dyestuff	12.0 - 15.0
Fatty acid	31.0 - 36.0
Ester Oil	35.0 - 41.0

4. First aid measures

Skin : Immediately remove contaminated clothing. Wash thoroughly with soap and water. Get medical attention if symptoms develop.
Eye : Immediately flush eyes with plenty of water for at least 20 minutes and get medical attention.
Ingestion : Wash mouth with water and get medical advice.

5. Fire-fighting measures

Extinguishing media : Water, CO₂, Dry Chemical and others
Keep unnecessary and unprotected personnel away.
Specific Method : Remove containers to safe place if possible.
Fight fire from an upwind position.
Fire-Fighting Equipment : Respiratory and eye protection required for fire fighting personnel.

6. Accidental release measures

Personal protections : Wear appropriate personal protective equipment as specified in section 8.
Environmental precautions : Do not let this chemical enter the environment.
Clean-up Methods : Absorb or cover with dry earth, sand or other non-combustible material and transfer to sealable containers.

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7. Handling and storage

Handling (technical measures,precautions,safe handling material)	:	Handle in well ventilated area Keep away from heat,sparks,and flame. Prohibition of stacking sideways and upside down. Prohibition of dropping and throwing.
Storage (technical measures storage conditions,packaging material)	:	Do not store ink in high or freezing temperature. Keep ink out of direct sunlight. Do not store ink with oxidizing agents or explosives.

8. Exposure CONTROLS/PERSONAL PROTECTION

Engineering Measures	:	None required under normal conditions of use.
Personal Protective Equipment	:	
Respiratory Protections	:	None required under normal conditions of use.
Hand Protection	:	Although not needed especially,in order to prevent adhesion of ink,wearing of a protective glove is good.
Eye Protection	:	None required under normal conditions of use.
Skin and Body Protection	:	None required under normal conditions of use.

9. Physical and chemical properties

Physical State	:	
Form	:	Paste
Color	:	Black
Odor	:	None
Information	:	
pH	:	No data
Boiling Point (°C)	:	No data
Flash Point (°C)	:	No Flash Point
Explosion Properties (°C)	:	This product is considered a no explosive material under normal use condition.
Vapor Pressure(pa)	:	No data
Vapor Density(AIR=1)	:	No data
Density(g/cm 3)	:	No data
Solubility	:	
Water Solubility (g/L)	:	Insoluble
Other Solvent Solubility (g/L)	:	—
		Measuring Temperature (°C) : —
		Measuring Temperature (°C) : —

10. Stability and reactivity

Conditions to avoid	:	Not applicable in normal use.
Materials to avoid	:	Not applicable in normal use.
Hazardous Decomposition Products	:	Will not occur

11. Toxicological information

Acute toxicity	:	
Acute toxicity(oral)	:	No data
Acute toxicity(Dermal)	:	No data
Acute toxicity(Inhalation)	:	No data
Sensitization	:	
Acute Skin Irritation	:	No data
Acute Eye Irritation	:	No data
Acute Allegenic Effects	:	No data
Mutagenicity	:	Negative in Ames Test
Carcinogenicity	:	The carbon black contained in this product corresponds to IARC(2B).

12. Ecological information

Persistence / Degradability	:	Not Known
Bioaccumulation	:	Not Known in bioaccumulation
Ecotoxicity		
Acute Toxicity for Fish	:	Not Known
Acute Toxicity for Daphnia	:	Not Known
Algae Inhibition Test	:	Not Known

13. PRECAUTION FOR DISPOSAL

Dispose of waste material in accordance with local, state and federal pollution regulations.

14. Precaution for transportation

International Regulations

The UN Classification Number	:	Not applicable
Hazard Class	:	Not regulated as a hazardous material.
UN Number	:	None

15. Regulation Information

Regulations	:	None
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16. Other information

None

The information contained herein is based on the current knowledge.
This Safety Data Sheet is intended to describe our products in correctness of safety requirements.
It should not therefore be construed as guaranteeing specific properties.
The data applies to only usual handling.