

SAFETY DATA SHEET

Ink Ribbon (Cartridge) for
ML5100FB Series
ML6300FB Series

OKI DATA CORPORATION

SAFETY DATA SHEET**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Product name: Ink ribbon (cartridge) for ML4410 series
ML5100FB Series
ML6300FB Series

Product description: (Ink name : BNX60)
Fabric Ribbon

1.2 Relevant identified uses of the substance or mixture and uses advised against

Material uses: Printing

Uses advised against: No information available

1.3 Details of the supplier of the safety data sheet

Manufacturer: OKI Data Corporation
3-1 Futaba-cho, Takasaki-shi, Gunma. 370-8585 Japan
Tel: +81 27-328-6366 Fax: +81-27-328-6398

Supplier: OKI Europe Limited
Blays House, Wick Road, Egham, Surrey, TW20 0HJ, UK
Tel: +44 (0) 208 219 2190 Fax: +44 (0) 208 219 2199
e-mail: SDSQuestions@okieurope.com

1.4 Emergency telephone number

OKI Europe Limited: +44 (0) 208 219 2190
(Supported 09:00 to 17:00 UK Time, Monday to Friday
except Bank Holidays)

SECTION 2: Hazards identification**2.1 Classification of the ink**

Classification according to Regulation (EC) No. 1272/2008 [CLP/INK]

Not determined

Adverse physicochemical, human health and environmental effects

No additional information available

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP): Not determined
Signal word (CLP): Not determined
Hazardous ingredients: Not determined
Hazard statements (CLP): Not determined
Precautionary statements (CLP): Not determined

2.3 Other hazards

No additional information available

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SECTION 3: Composition/information on ingredients

Substance/mixture: Ink

Product/ingredient name	CAS No.	Content (%)	R-Phase
Carbon black	1333-86-4	2- 8	Not classified
Other coloring Material	-	-	Not classified
Oil	-	-	Not classified
Resin	-	-	Not classified
Other additive	-	-	Not classified

Full text of H-phrases: see section 16

Substance/mixture: Other

Product/ingredient name	CAS No.	Content (%)	R-Phase
Nylon 6-6 Fabric	-	-	Not classified

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation: Not applicable
Skin contact: Wash away ink on skin.
Eye contact: Wash with water and consult a doctor promptly.
Ingestion: Rinse the mouth with water and consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water mist, Foam, Dry powder, CO2 gas, others

Unsuitable extinguishing media: Not applicable

5.2 Special hazards arising from the substance or mixture

No data available

5.3 Advice for firefighters

No special measures required

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8

6.2 Environmental precautions

Do not pour into drains or waterways

6.3 Methods and materials for containment and cleaning up

For containment: Not applicable
Methods for cleaning up: If inadvertently released, rewind ribbon.

6.4 Reference to other sections: See section 8 for further information on protective clothing and equipment
 See section 13 for advice on waste disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling: No special. For personal safety, see section 8
Hygiene measures: No data available

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Should be stored in dark and cool place.

7.3 Specific end use(s)

Thermal transfer ribbon

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Carbon black(CAS No. 1333-86-4)		
United Kingdom	WEL TWA (mg/m ³)	3.5mg/m ³
USA-OSHA	WEL TWA (mg/m ³)	3.5mg/m ³

8.2 Exposure controls

Appropriate engineering controls: Not applicable
Personal protection:
Hand protection: Wear protective gloves when required.
Eye protection: Not applicable in normal conditions of use.
Skin and body protection: Not applicable in normal conditions of use.
Respiratory protection: Not applicable in normal conditions of use.
Environmental exposure controls: Not applicable in normal conditions of use.
Other information: No data available

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SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state:	Nylon 6-6 fabric impregnated with liquid black ink
Colour:	Black
Odour:	No data available.
Odour threshold:	No data available.
pH:	No data available.
Relative evaporation rate (butylacetate=1):	No data available.
Melting point:	No data available.
Freezing point:	No data available.
Boiling point:	No data available.
Flash point:	>150°C
Self ignition temperature:	No data available.
Decomposition temperature:	No data available.
Flammability (solid, gas):	This product is not classed as flammable.
Vapour pressure:	No data available.
Relative vapour density at 20 °C:	No data available.
Relative density:	No data available.
Solubility:	Water: Insoluble
Log Pow:	No data available.
Viscosity, kinematic:	No data available.
Viscosity, dynamic:	No data available.
Explosive properties:	No data available.
Oxidising properties:	No data available.
Explosive limits:	No data available.

9.2 Other information

No additional information available.

SECTION 10: Stability and reactivity

10.1 Reactivity:	No dangerous reaction known under conditions of normal use.
10.2 Chemical stability:	Stable under normal storage conditions.
10.3 Possibility of hazardous reactions:	No dangerous reaction known under conditions of normal use.
10.4 Conditions to avoid:	High temperature / High humidity / direct sunlight
10.5 Incompatible materials:	None
10.6 Hazardous decomposition products:	No dangerous decomposition products occur under normal storage and use conditions

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Acute toxicity:	No information is available
Skin corrosion / irritation:	No information is available

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Serious eye damage / irritation:	No information is available
Respiratory or skin sensitisation:	No information is available
Germ cell mutagenicity:	No information is available
Carcinogenicity:	Carbon black : IARC Group 2B Possibility carcinogenic to humans.
Reproductive toxicity:	No information is available
Specific target organ systemic toxicity (Single exposure):	No information is available
Specific target organ systemic toxicity (Repeated exposure):	No information is available
Aspiration hazard:	No information is available

SECTION 12: Ecological information

12.1 Toxicity	
Ecology - general:	No data available
12.2 Persistence and degradability:	No additional information available
12.3 Bioaccumulative potential:	No additional information available
12.4 Mobility in soil:	No additional information available
12.5 Results of PBT and vPvB assessment:	No additional information available
12.6 Other adverse effects:	No additional information available

SECTION 13: Disposal considerations

13.1 Waste treatment methods	
Waste disposal recommendations:	This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.
Additional information:	No additional information available

SAFETY DATA SHEET**SECTION 14: Transport information**

- 14.1 UN number: Not applicable.
- 14.2 UN proper shipping name: Not applicable.
- 14.3 Transport hazard class(es)
Class: Not applicable.
Hazard labels: Not applicable.
- 14.4 Packing group: Not applicable.
- 14.5 Environmental hazards
Dangerous for the environment: No
Marine pollutant: No
Other information: No supplementary information available
- 14.6 Special precautions for user
Special transport precautions: Not applicable
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1. EU-Regulations**

No REACH Annex XVII restrictions
Contains no REACH candidate substance

15.1.2. National regulations

No additional information available

15.2 Chemical Safety Assessment: No chemical safety assessments has been carried out

SECTION 16: Other information

Indication of changes: None.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.