

SAFETY DATA SHEET

Ink Ribbon (Cartridge) for
ML395
ML4410
PM3410

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
ML395 Series
ML4410 Series
PM3410 Series
(Ink name : #4064)

Product description: Fabric Ribbon

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

Material uses: Industrial

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:

Australia : Oki Data (Australia) Pty Ltd.
Level 1, 67 Epping Road • Macquarie Park NSW 2113
Australia
Tel: 1800 800 140
e-mail: aus-MSDSQuestions@oki.com

New Zealand : Oki Data New Zealand
8 Antares Place, Rosedale , Auckland 0632 New
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Phone: 0800 266 967
Email: support@oki.co.nz

Singapore : Oki Data (Singapore) Pte Ltd
438A Alexandra Road #02-11/12, Lift Lobby 3,
Alexandra Technopark, Singapore 119967,
Tel: +65 6221 3722
e-mail: odsp-sales@oki.com

1.4 Emergency telephone number

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition: Mixture

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

Eye irrit.2: H319

Skin Sens.1: H317

STOT RE2: H373

Aquatic Chronic3: H412

Full text of H-phrases: see section 16

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Adverse physicochemical, human health and environmental effects

No additional information available

2.2 Label elements

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

Hazard pictograms :



Signal word (CLP):

Warning.

Hazardous ingredients:

3-iodo-2-propynyl butylcarbamate (EC No 259-627-5)
2,6-di-tert-butyl-p-cresol (EC No 204-881-4)

Hazard statements (CLP):

H319-Causes serious eye irritation.
H317-May cause an allergic skin reaction
H373-May cause damage to organs (larynx) through prolonged or repeated exposure.
H412-Harmful to aquatic life with long lasting effects

Precautionary statements (CLP):

P260-Do not breathe dust/fume/gas/mist/vapours/spray.
P261-Avoid breathing dust/fume/gas/mist/vapours/spray.
P264-Wash hands thoroughly after handling.
P272-Contaminated work clothing should not be allowed out of the workplace.
P273-Avoid release to the environment
P280-Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
IF IN EYES: Rinse cautiously with water for several minutes
Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention
P314-Get medical advice/attention if you feel unwell.
P501-Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label elements:

Safety Data Sheet available for professional user on request.

2.3 Other hazards

No additional information available

SAFETY DATA SHEET**SECTION 3: Composition/information on ingredients**

Substance/mixture: Ink

Product/ingredient name	CAS No.	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Carbon black	1333-86-4	<1	Not classified
3-iodo-2-propynyl butylcarbamate	55406-53-6	1-2	Acute tox. Cat. 4(Oral) Acute tox. Cat. 3(inhalation) Eye damage Cat. 1 Skin sens. Cat. 1 STOT rep. exp. Cat.1
2,6-di-tert-butyl-p-cresol	128-37-0	<0.5	Eye Irritation 2 Respiratory 2 STOT SE 1 STOT RE 2: H373 Aquatic Acute 1: H400 Aquatic Chronic 1: H410
Other colouring material	-	-	Not classified.
Oil	-	-	Not classified.
Other additive	-	-	Not classified.

Full text of H-phrases: see section 16

Other

Product/ingredient name	Cas No.	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Nylon 6-6 fabric	-	-	Not applicable

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact:	Wash with water and consult a doctor promptly.
Inhalation:	Not Applicable.
Skin contact:	Wash away ink on skin.
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.

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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.

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 clearing up: If inadvertently released, rewind the ribbon.

6.4 Reference to other sections

See Section 8 for further information on protective clothing and equipment.

See Section 13 for additional waste treatment information.

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 a dark and cool.

7.3 Specific end use(s)

Thermal transfer ribbon.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Carbon black (CAS No. 133-86-4)		
United Kingdom	WEL TWA (mg/m ³)	3.5mg/m ³
USA - OSHA	WEL TWA (mg/m ³)	3.5mg/m ³

2,6-di-tert-butyl-p-cresol (CAS No. 128-37-0)		
United Kingdom	WEL TWA (mg/m ³)	10mg/m ³
USA - NIOSH	WEL TWA (mg/m ³)	10mg/m ³

8.2 Exposure controls

Appropriate engineering controls: Not Applicable.

Personal protective equipment:

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.

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 (Ink)
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.
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:	Not 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.

SAFETY DATA SHEET**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.
Serious eye damage/irritation:	Causes serious eye irritation.
Respiratory or skin sensitisation:	May cause an allergic skin reaction.
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 toxicity (single exposure):	No information is available.
Specific target organ toxicity (repeated exposure):	May cause damage to organs (Larynx) though prolonged or repeated exposure.
Aspiration hazard:	No information is available.

SECTION 12: Ecological information

12.1 Toxicity	
Ecology - general:	Harmful to aquatic life with long lasting effects.
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.

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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.

SECTION 14: Transport information

14.1 UN number

UN-No.: Not applicable.

14.2 UN proper shipping name

Proper Shipping Name: Not applicable.

14.3 Transport hazard class(es)

Class: Not applicable.

Hazard Labels: Not applicable.

14.4 Packing group

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

EU Regulation

No REACH Annex XVII restrictions

Contains no REACH candidate substance

National regulations

No additional information available

15.2 Chemical Safety Assessment:

No chemical safety assessments has been carried out

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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]:

Classification	Classification Procedure
Eye irrit.2	Concentration limits
Skin Sens.1	Concentration limits
STOT RE2	Concentration limits
Aquatic Chronic3	Concentration limits

Data sources: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information: None.

Full text of EU H-phrases:

Eye irrit.2	Serious eye damage/eye irritation, Category 2
H319	Causes serious eye irritation.
Skin Sens.1	Skin sensitisation, Category 1
H317	May cause an allergic skin reaction.
STOT RE2	Specific target organ toxicity – repeated exposure
H373	May cause damage to organs(larynx) though prolonged or repeated exposure.
Aquatic Chronic3	Hazardous to the aquatic environment(Chronic), Category 3
H412	Harmful to aquatic life with long lasting effects

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