

SAFETY DATA SHEET

Ink Ribbon (Cartridge) for
ML1120
ML1190C

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
ML1120 Series
ML1190C Series
(Ink name : #265)

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: 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 substance or mixture

Product definition: Mixture

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

Physical Hazards

Flammable liquids: Not classified

Health Hazards

Acute toxicity (Oral): Classification not possible

Acute toxicity (Dermal): Not classified

Acute toxicity (Gases): Not gases

Acute toxicity (Vapours): Classification not possible

Acute toxicity (Dusts and Mists): Classification not possible

Skin corrosion /irritation: Classification not possible

Eye damage / irritation: Classification not possible

Sensitization - Respiratory: Classification not possible

Sensitization - Skin: Classification not possible

Germ cell mutagenicity: Classification not possible

Carcinogenicity: Classification not possible

Toxic to reproduction: Classification not possible

Specific target organ systemic toxicity: Classification not possible

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(Single exposure)

Specific target organ systemic toxicity: Category 2, H373

(Repeated exposure):

Environmental Hazards

Hazardous to the aquatic environment -

Acute hazard:

Classification not possible

Hazardous to the aquatic environment -

Chronic hazard:

Classification not possible

2.2 Label elements

The label elements below were prepared in accordance with OSHA Hazard Communication Standard, 29 CFR 1910.1200. and Regulation (EC) No. 1272/2008 [CLP] [INK]

This information may be different from the actual product label information for labels regulated by other agencies.

Hazard pictograms :



Signal word (CLP):

Warning.

Hazard statements (CLP):

H373/ Causes damage to organs through prolonged or repeated exposure.

Precautionary statements (CLP):

P260-Do not breathe

Precautionary Statements:

dust/fume/gas/mist/vapours/spray.

P260/Do not breathe

Precautionary Statement Response:

dust/fume/gas/mist/vapours/spray

P314/Get medical advice/attention if you feel unwell.

Precautionary Statement Storage:

P501/Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

2.3 Other hazards

NFPA Hazard Classification:

Health 2, Flammability 1, Instability 1, Special Hazards None

PBT:

This substance is not identified as a PBT substance.

vPvB:

This substance is not identified as a vPvB substance.

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	< 5	Not applicable
Pigment	Trade Secret	10-20	Not applicable
Dye	Trade Secret	10-20	Not applicable
Oil	Trade Secret	60-70	Not applicable
Resin	Trade Secret	< 10	Not applicable

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SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation:	Move the victims to the clean air space and rest in a comfortable position for breathing. When it feels sick, take doctor's treatment.
Skin contact:	Wash away with soap and water immediately. When skin swells and pain continue, take doctor's treatment.
Eye contact:	Rinse cautiously with clean water for several minutes. Immediately take doctor's treatment.
Swallowed:	Do not compel to vomit. Wash the mouth with water. Immediately take doctor's treatment.

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 spray, dry chemical, carbon dioxide, or chemical foam

Unsuitable extinguishing media: Do not use high pressure water jet.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3 Advice for firefighters

1. Cut-off from the fire origin.
2. Wear the protection clothes and extinguish the fire from the windward.
3. Transfer to the safe place the movable container immediately.
4. Cool down the surrounding equipment by water.
5. Specify the place off-limits around the fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

In the case of a large quantity:

1. Put a rope around the location of leaks. And specify to off-limit area.
2. Case indoor, get adequate ventilation.
3. Surely attach the protective equipment at work.
4. Keep a fire extinguisher to prepare.

In the case of a little quantity: Use the protective gloves as required.

6.2 Environmental precautions

Prevent entry into waterway, sewers, basements or confined areas.

6.3 Methods and materials for containment and cleaning up

In the case of a large quantity:

1. Stop the leaked liquid by sands and earth.
2. Lead this liquid to a safety place.

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In the case of a little quantity: 3. Collect them into the empty container, and seal the container tightly.
Make a rags cloth or paper absorb the leaked liquid.

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: When dealing with a large of ink, wear eye or face protection.

7.2 Conditions for safe storage, including any incompatibilities

Avoid direct sunlight, and store in well-ventilated place.

7.3 Specific end use(s)

No information available at present.

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: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

Equipment countermeasure:

Not require special equipment

Personal protection:

Use personal protective gloves and/or glasses as required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Black liquid
Colour:	Black (Ink)
Odour:	Distinctive odor
Odour threshold:	Not determined
pH:	No data available.
Melting point /freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash point:	> 170
Evaporation rate:	Negligible
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits :	No data available

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Vapour pressure:	No data available
Vapor density:	No data available
Relative density:	No data available.
Solubility(ies):	Hardly solution in water
Partition coefficient: n-octanol/water:	No data available
Auto ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.

9.2 Other information

No information available at present.

SECTION 10: Stability and reactivity

10.1 Reactivity:	The product has not been tested.
10.2 Chemical stability:	This ink is stability under the usual handling condition.
10.3 Possibility of hazardous reactions:	Strong acids, Strong bases, Oxidizer
10.4 Conditions to avoid:	High temperature, Heating, Fire, Spark, Sunlight
10.5 Incompatible materials:	No information available at present.
10.6 Hazardous decomposition products:	Toxic gases such as carbon monoxide and carbon dioxide may occur during combustion.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity (Oral):	This product is classified as "Classification not possible", because no data to classify.
Acute toxicity (Dermal):	This product is classified as "Classification not possible", because no data to classify.
Acute toxicity (Gases):	This product is not gases.
Acute toxicity (Vapours):	This product is classified as "Classification not possible", because no data to classify.
Acute toxicity: (Dusts and Mists)	This product is classified as "Classification not possible", because no data to classify.
Skin corrosion /irritation:	This product is classified as "Classification not possible", because no data to classify.
Eye damage / irritation:	This product is classified as "Classification not possible", because no data to classify.
Sensitization - Respiratory:	This product is classified as "Classification not possible", because no data to classify.
Sensitization - Skin:	This product is classified as "Classification not possible", because no data to classify.
Germ cell mutagenicity:	This product is classified as "Classification not possible", because no data to classify.
Carcinogenicity:	This product is classified as "Classification not possible", because no data to classify.

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(Notes)

Evaluation results for the carcinogenicity of arbon black in each agency.

IARC; Group 2B (The agent is possibly carcinogenic to humans.)

ACGIH; A4 (Not classifiable as a human carcinogen)

EPA; Not applicable

EU; Not applicable

NTP; Not applicable

Japan Association of Industrial Health; 2B

Evaluation of carbon black is different in each agency.

Therefore, it is classified as "Classification not possible".

Toxic to reproduction:

This product is classified as "Classification not possible", because no data to classify.

Specific target organ systemic: toxicity(Single exposure)

This product is classified as "Classification not possible", because no data to classify.

Specific target organ systemic: toxicity(Repeated exposure)

Category 1(Lungs): Carbon black

Classification not possible: Other components

This product is classified as "Category 2".

Because it contains the component of "Category 1", but its content is less than 10% than 1%. Therefore, it is classified as "category 2".

(Note)

In usual use condition, you will be not exposed to carbon black.

Aspiration toxicity:

This product is classified as "Classification not possible", because no data to classify.

11.2 Information on the likely routes of exposure

Inhalation:

No data available.

Ingestion:

No data available.

Eye contact:

No data available.

Skin contact:

No data available.

11.3 Symptoms related to the physical, chemical and toxicological characteristics

Symptoms:

No data available.

11.4 Delayed and immediate effects and also chronic effects from short- and long-term exposure

Short-term exposure:

No data available.

Long-term exposure:

No data available.

11.5 Numerical measures of toxicity

Acute toxicity estimates:

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Hazardous to the aquatic environment - Acute hazard:

This product is classified as "Classification not possible", because no data to classify.

Hazardous to the aquatic environment - Chronic hazard:

This product is classified as "Classification not possible", because no data to classify.

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12.2 Persistence and degradability:	No information available.
12.3 Bioaccumulative potential:	No information available.
12.4 Mobility in soil:	No information available.
12.5 Results of PBT and vPvB assessment:	PBT: This substance is not identified as a PBT substance. vPvB: This substance is not identified as a vPvB substance.
12.6 Other adverse effects:	No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods	
Residual waste:	When you dispose this product, you observe the relevant laws/regulations and local government rules. Entrust industrial waste to disposal contractor licensed by the prefecture governor. It is important to tell toxicity and risk of the product to the contractor, prior to disposal.
Contaminated containers and packages:	The empty container is scraped after the contents are removed completely. Scrape the empty container after the contents are removed completely. Entrust container and contents to disposal contractor licensed by the prefecture governor.

SECTION 14: Transport information

14.1 UN number:	Not applicable.
14.2 UN proper shipping name:	Not applicable.
14.3 Transport hazard class(es):	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:	Not applicable.
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	
No data available.	

SECTION 15: Regulatory information

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15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

For classification and labeling see section 2.

Observe restrictions: yes

Comply with trade association/occupational health regulations.

USA

California Prop 65: Carbon black (1333-86-4)

State Right-to-Know: Carbon black (1333-86-4)

Canada

WHMIS/Ingredient Disclosure List: Carbon black (1333-86-4)

International Inventories

TSCA: All chemical substances in this product comply with all applicable rules or orders under TSCA.

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

SECTION 16: Other information

The information has been created based on materials and information that we obtained. However, this is no warranty about contents, physicochemical information, and hazardous. And, the precautions are shown about the attention point in usual handling. For special handling, please use this material after you confirm the safety countermeasure which is suitable for the use and usage. This information may be change when we obtained the new materials and information.