

SAFETY DATA SHEET

Ink ribbon for

ML320 / 321 Series

ML390 series

ML184 Series

Oki Data Corporation

SAFETY DATA SHEET

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

Product name : Black Ink Ribbon for
 ML320 / 321 Series
 ML390 series
 ML184 Series

Manufacturer : Oki Data Corporation
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 Tel: 81-27-328-6366 Fax: 81-27-328-6396

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New Zealand : Comworth Systems Ltd.
 8 Antares Place, Rosedale, Auckland, NewZealand
 Tel: 0800 778800
 email: helpdesk@comworth.co.nz

2. Hazards identification

GHS CLASSIFICATION
PHYSICAL HAZARDS : Classification not possible
HEALTH HAZARDS
ACUTE TOXICITY(Oral) : Classification not possible
ACUTE TOXICITY(Dermal) : Classification not possible
ACUTE TOXICITY(Inhalation) : Classification not possible
SKIN CORROSION / IRRITATION : Classification not possible
SERIOUS EYE DAMAGE / EYE IRRITATION : Classification not possible
RESPIRATORY SENSITIZATION : Classification not possible
SKIN SENSITIZATION : Classification not possible
GERM CELL MUTAGENICITY : Classification not possible
CARCINOGENICITY : Classification not possible
REPRODUCTIVE TOXICITY : Classification not possible
SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY
- SINGLE EXPOSURE : Classification not possible
- REPEATED EXPOSURE : Classification not possible
ASPIRATION HAZARD : Classification not possible
ENVIRONMENTAL HAZARDS
HAZARDOUS TO THE AQUATIC ENVIRONMENT
- ACUTE TOXICITY : Classification not possible
- CHRONIC TOXICITY : Classification not possible
GHS LABEL ELEMENTS : Not applicable

3. Composition/information on ingredients

SUBSTANCE / MIXTURE : Mixture

INGREDIENTS AND CONCENTRATION RANGE

Ingredients	Concentration Range(%)	CAS RN
Carbon Black	6	1333-86-4
Other coloring materials	Confidential	Confidential
Oils	Confidential	Confidential
Additives	Confidential	Confidential
Nyron 6-6 fabric	Confidential	Confidential
PSM fiber	Confidential	Confidential

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4. First aid measures

Eye contact	:	Immediately flush eyes with plenty of water. Get medical attention/advice if irritation occurs.
Skin contact	:	Gently wash with plenty of soap and water. Get medical attention/advice if exposed or concerned
Inhalation	:	Not applicable
Ingestion	:	Wash out mouth with water. Get medical attention/advice.

5. Fire fighting measures

EXTINGUISHING MEDIA	:	Use water, foam, dry powder or CO2 gas extinguishing media.
NOT SUITABLE EXTINGUISHING MEDIA	:	None
Special hazards	:	None
Advice for firefighters	:	No information available
PROTECTION OF FIRE FIGHTERS	:	Use suitable respiratory equipment and wear protective clothing as required.

6. Accidental release measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURE	:	None
ENVIRONMENTAL PRECAUTIONS	:	Used ribbons should be disposed in an appropriate manner.
METHODS FOR CLEANING UP	:	Not applicable
PREVENTION OF SECONDARY HAZARDS	:	Not applicable

7. Handling and storage

HANDLING		
TECHNICAL MEASURES	:	Wear protective gloves when required.
LOCAL AND GENERAL VENTILATION	:	Not applicable
SAFETY/HANDLING PRECAUTIONS	:	Must not be ingested. Wash hands after handling.
AVOID CONTACT	:	None
STORAGE		
TECHNICAL MEASURES	:	Not applicable
INCOMPATIBILITY WITH OTHER MATERIALS	:	No information available
STORAGE CONDITIONS	:	Should be stored in cool, dark places.
PACKAGED MATERIALS / MATERIALS STORED IN CONTAINERS	:	Not applicable

8. Exposure controls/personal protection

CONTROLLED CONCENTRATION	:	Not established
ALLOWABLE CONCENTRATION	:	Not established as a product ACGIH(TLV): 3.5mg/m3 (Carbon black)
FACILITY MEASURES	:	Not applicable
PERSONAL PROTECTION		
RESPIRATORY PROTECTION	:	Not applicable
HAND PROTECTION	:	Wear protective gloves when required.
EYE PROTECTION	:	Not applicable
SKIN AND BODY PROTECTION	:	Not applicable
PERSONAL HYGIENE	:	Wash hands after handling.

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9. Physical and chemical properties

PHYSICAL STATES

FIGURE	:	Nylon 6-6 fabric impregnated with liquid black inc
ODOUR	:	Odorless
pH	:	No information available

SPECIFIC TEMPERATURES / TEMPERATURE RANGES AT WHICH CHANGES IN PHYSICAL STATE OCCUR

BOILING POINT	:	No information available
FREEZING/MELTING POINT	:	No information available
FLASH POINT	:	Min. 150°C
EXPLOSIVE RANGE	:	No information available
VAPOUR PRESSURE	:	No information available
VAPOUR DENSITY	:	No information available
SPECIFIC GRAVITY(DENSITY)	:	No information available
SOLUBILITY	:	Insoluble in water
PARTITION COEFFICIENT : n-OCTANOL / WATER(log Pow)	:	No information available
AUTO-IGNITION TEMPERATURE	:	No information available
DECOMPOSITION TEMPERATURE	:	No information available
ODOUR THRESHOLD	:	No information available
EVAPORATION RATE	:	Not applicable
COMBUSTIBILITY(SOLID,GAS)	:	Not applicable
VISCOSITY	:	No information available
OTHER DATA	:	No information available

10. Stability and reactivity

STABILITY	:	Stable under ordinary conditions
DANGEROUS/TOXIC REACTIONS POTENTIAL	:	No information available
CONDITIONS THAT MUST BE AVOIDED	:	No information available
INCOMPATIBILITY WITH OTHER MATERIALS	:	No information available
HAZARDOUS DECOMPOSITION PRODUCTS	:	No information available
OTHERS	:	No information available

11. Toxicological information

ACUTE TOXICITY	:	No information available
SKIN CORROSION / IRRITATION	:	No information available
SERIOUS EYE DAMAGE / IRRITATION	:	No information available
RESPIRATORY OR SKIN SENSITIZATION	:	No information available
GERM CELL MUTAGENICITY	:	No information available
CARCINOGENICITY	:	IARC classified Carbon black to Group 2B as the potentiality of carcinogenicity for human. But this product do not cause a health problem in ordinary use, also IARC reported the ink for printing is unclassifiable for the carcinogenic material of human.
REPRODUCTIVE TOXICITY	:	No information available
SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY	:	
- SINGLE EXPOSURE	:	No information available
- REPEATED EXPOSURE	:	No information available
ASPIRATION HAZARD	:	No information available
OTHER INFORMATION	:	No information available

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12. Ecological information

ECOTOXICITY	:	No information available
PERSISTENCE / DEGRADABILITY	:	No information available
MOBILITY IN SOIL	:	No information available
BIOACCUMULATIVE POTENTIAL	:	No information available
OTHER ADVERSE EFFECTS	:	No information available

13. Disposal considerations

Review "HANDLING AND STORAGE(Section7)".

Dispose this article comply with the regulations of each countries.

14. Transport information

INTERNATIONAL REGULATIONS

UN CLASS / UN NUMBER : Not applicable

SPECIAL PRECAUTIONS FOR USER : Review "ACCIDENTAL RELEASE MEASURES(Section6)".
Review "HANDLING AND STORAGE(Section7)".

Comply with the regulations of international and each countries.

15. Regulatory information

All ingredients are registered under The industrial Chemicals (Notification and Assessment) Act 1989 , or under the polymer exemption.
All ingredients are exempt, registered or considered polymer under The Australian Inventory of Chemical Substances (AICS).
with Directive NIC504735 : not classified.

Not every regulatory information for each countries can not be identified, please conform and comply regulations in your country or region, on your own responsibility.

16. Other information

To the best of the manufacturer's knowledge,the information contained herein is accurate.
However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability(including liability for any direct, incidental,consequential, or other damages) with respect to the accuracy or completeness of the information contained herein.
Such information may be (without limitation) invalid if the specified material is used in combination with another ,in a particular process, or under unusual conditions.
Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility therefore.
All materials may present unknown hazards and should be used with appropriate caution.
The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist.