



SDS list

Revision Date: April 01, 2026
Issued Date: December 13, 2016

Identification of the company

Product identifier

Product Name (Chemical Name, Trade Name, etc.) COLOR RIBBON CASSETTE

Details of the supplier of the SDS list

Manufacture:

Name Yokogawa Electric Corporation

Address 2-9-32 Nakacho, Musashino-shi, Tokyo, 180-8750 Japan

Phone 81-422-52-5555

Ink for Pen and ribbon cassette as the chart recorder's accessories includes chemical substances specified in Japanese domestic law 'Industrial Safety and Health Act'. Please read safety information in the safety data sheet (next page) of parts below for your safety and appropriate use.

Item	Product Name in SDS
B9906JA	Inked Ribbon Cassette YEW 06 (B9906JA)

The information herein is only provision of information, and it does not represent a guarantee the properties of the product.

Safety Data Sheet

IDENTITY		
Ink Ribbon Cassette (B9906JA)		
1. Identification of the substance/mixture and of the supplier		
1.1 Product identifier		
Product name :	Ink Ribbon Cassette (B9906JA)	
Product description :	6-colors Inked Ribbon Cartridge	
1.2 Relevant identified uses of the substance or mixture and uses advised against		
Material uses :	For printing	
Uses advised against :	No additional information available	
1.3 Details of the supplier of the safety data sheet		
Manufacturer :	DYNIC Corporation	
	Shin-Onarimon Building, 6-17-19, Shimbashi, Minato-ku, Tokyo, Japan	
	Tel : +81-3-5402-3137 Fax : +81-3-5402-3149	
1.4 Emergency Telephone Number : +81-3-5402-3137		
2. Hazards identification		
2.1 Classification of the product		
Classification according to the Globally Harmonized System(GHS)		
Not determined		
Adverse physicochemical, human health and environmental effects		
No additional information available.		
2.2 Label elements		
Labelling according to the Globally Harmonized System(GHS)		
Hazard pictograms(GHS): Not determined		
Signal word : Not determined		
Hazard ingredients : Carbon Black		
Mineral oil		
Hazard statements : Not determined		
Precautionary statements(GHS):		
P201 - Obtain special instructions before use		
P202 - Do not handle until safety precautions have been read and understood.		
P273 - Avoid release to the environment.		
Supplemental information: No additional information available.		
2.3 Other hazards		
No additional information available.		
3. Composition / information on ingredients		
Substance / mixture : Mixture		
Predominant Components	CAS No.	content rate (wt%)
1. INK		
Vegetable oil	68554-11-0	<1
Animal oil	8016-28-2	<1
Liquid Paraffin	8042-47-5	<1
Mineral oil	-	<1
Petroleum Hydrocarbon	-	<2
Coloring material(yellow)	5102-83-0	<1
Coloring material(red)	15782-05-5	<1
Coloring material(red)	7585-41-3	<1
Coloring material(blue)	1325-87-7	<1
Coloring material(blue)	147-14-8	<1

Carbon black	1333-86-4	<1
2. FABRIC RIBBON		
Polyamide 6,6 fabric	32131-17-2	10-15
3. MOLDING PARTS		
ABS resin	9003-56-9	50-60
POM resin	30846-29-8	5-10
4. OTHER		
PE bag	9002-88-4	1-5
Paper(box)	-	20-30
High alloy steel	-	<1

4. First- aid measures

4.1 Description of first aid measures

- Inhalation: Not applicable
- Skin Contact: Wash away ink on skin with soap and water.
If your skin is irritated, consult a doctor.
- Eye Contact: Flush the eye with enough water.
If the eye is inflamed, consult a doctor.
- Ingestion: Rinse your mouth with water and seek proper treatment.

4.2 Indication of any immediate medical attention and special treatment needed

Not applicable

5. Fire-fighting measures

5.1 Extinguishing media

- Suitable extinguishing media: Chemical powder , CO₂-gas , Water mist, Sand , Form and others.
- Unsuitable extinguishing media: Not applicable

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for firefighters

Fire-fighters should wear self-contained breathing apparatus and full fire-fighting turn-out gear.

5.4 Measures when the Leakage

Collect it in immediately

6. Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures:

- High risk of slipping due to leakage/spillage of ink.
- In case of spilled or leaked ink, sweep or gather up spills and disposal.
- Use proper personal protective equipment as indicated in Section 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 fabric ribbon.
Then wipe off the dirty area with a waste cloth.

7. Handling and storage

7.1 Precautions for safe handling

- Precautions for safe handling:
Keep at room temperature.
- Hygiene measures: No information available.

7.2 Storage

Conditions for safe storage: Store in cool, dry and dark place.

7.3 Specific end use(s)

Fabric ink ribbon cartridge as the printing use.

8. Exposure controls / personal protection

8.1 Control parameters

Carbon black

ACGIH	TLV-TWA	3.0mg/m ³
OSHA	PEL-TWA	3.5mg/m ³
NIOSH	REL-TWA	3.5mg/m ³

Mineral Oil

ACGIH	TLV-TWA	5.0mg/m ³ (as mist)
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8.2 Exposure controls

Appropriate engineering controls: Not applicable

Personal protective equipment

Hand protection: None. Gloves if necessary.

Eye protection: None. Glasses if necessary.

Skin and body protection: None. Work clothes if necessary.

Respiratory Protection: None

Environmental exposure controls: None

Other information: None

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:

Cartridge containing 6-colors ink ribbon.

Color: Black(cartridge), 6-colors(ink ribbon)

Odor: Slight odor

Melting point: No data available

Freezing point: No data available

Boiling point: Above 180°C (356° F)

Flammability(solid,gas): This product is not classed as flammable.
(No flammable under normal temperatures and pressures.)

Explosive limits: No data available

Flash point: Above 190°C (374° F)

Self ignition temperature: No data available

Decomposition temperature: No data available

pH: No data available

Viscosity, kinematic: No data available

Solubility(ies): Solubility in water; None

n-octanol/water Partition coefficient : No data available

Vapor pressure: No data available

Relative density: No data available

Relative vapor density at 20°C: No data available

Particle properties: No data available

9.2 Other information

No additional information applicable

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, condensation.
10.5 Incompatible materials: Not applicable
10.6 Hazardous decomposition products: No dangerous decomposition products occur under normal storage and use conditions. By burning, generates gas such as CO-gas and NO _x -gas.
11. Toxicological information
11.1 Information on Toxicological effects Acute toxicity: No data available Skin corrosion / irritation: No data available Serious eye damage / irritation: No data available Respiratory or skin sensitization: No data available Germ cell mutagenicity: No data available Carcinogenicity: Carbon black; max 3.0%-containing in ink, IARC Group 2B Possibility carcinogenic to humans. But it does not exist on state of the powder. Reproductive toxicity: No data available Specific target organ systemic toxicity(Single exposure): No data available Specific target organ systemic toxicity(Repeated exposure): No data available Aspiration hazard: No data available
12. Ecological information
12.1 Ecotoxicity: No information available
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: No information available
12.6 Other adverse effects : Product is insoluble in water.
13. Disposal considerations
13.1 Waste treatment methods Waste disposal recommendations: Disposal and incineration may be subject to local & national regulations. Additional information: Not available

14. Transport information
14.1 UN number: Not applicable
14.2 UN proper shipping name: Not regulated
14.3 Transport hazard class(es) Class: Not applicable Land transport(ADR/RID) : Not applicable Shipping information(IMDG) : Not applicable Air transport(IATA/CAO) : Not applicable Sea transport(IMO) : Not applicable Hazard labels: Not applicable
14.4 Packing group: Not applicable
14.5 Environmental hazards Dangerous for the environment: No information available Marine pollutant: Not applicable Other information: No 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
15. Regulatory information
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
15.1.1 U.S. Regulation <u>California Prop 65:</u> This product contains a cause cancer chemicals listed on California prop 65.
15.1.2 EU regulations Labeling According to EEC Directives : Not subject to labeling WEEE (EU Directive 2012/19/EU) : Not applicable RoHS (EU Directive 2011/65/EU) : Not applicable
15.1.3 National regulations Complies with following national chemical requirements: DSL, AICS and ENCS.
15.2 Chemical Safety Assessment No chemical safety assessments have been carried out.
16. Other information
Data sources: Each materials SDS. Other information: No information available
This <u>Safety Data Sheet(SDS)</u> is information, and it's not safety guarantee. SDS is based on the data which we are aware of and is believed to be correct as of the prepared date. Therefore the contents of SDS may change with no information, subject to the revision of the related regulations and new concept. In case of handing this products, refer to this SDS and take necessary procedure based on user's responsibility.
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