

Safety data sheet

1. Chemicals and Company Information

Name of chemical: ink ribbon

Product Name: Ink Ribbon Roll (KA02100-0020)

Company Name: Dynic Co., Ltd.

Address: Shinbashi 6 -17 -19, Minato Ward, Tokyo

Responsible department: Business Division 2 Information Related Sales G2

Phone: 03-5402-3137

Fax: 03-5402-3149

Emergency call number: 03-5402-3137

Recommended Applications and Restrictions of Use: Printing

2. Hazard summary

GHS classification

Physicochemical hazards	Not subject to the explosives classification Not subject to flammable gas classification Not applicable to flammable aerosols Not applicable to combustible or oxidizing gases Not applicable to high pressure gas classification Not classified as a flammable liquid Not subject to combustible solid classification Not subject to self-reactive chemical classification Not classified as a pyrophoric liquid Not applicable to pyrophoric solids Not subject to self-heating chemical classification Not subject to the water reaction combustible chemical classification Oxidizing liquid not classified Not subject to oxidative solid classification Not subject to organic peroxide classification Cannot be classified as corrosive to metals
Human health hazards	Acute toxicity (oral) Not classifiable Acute toxicity (dermal) not classifiable Not classified as acute toxicity (inhalation: gas) Acute toxicity (inhalation: vapour) not classifiable Not applicable to acute toxicity (inhalation: dust) Acute toxicity (inhalation: mist) cannot be classified Skin corrosion and irritation cannot be classified Serious damage to the eye - cannot be classified as eye

Irritant, not classifiable

Respiratory sensitisation cannot be classified

Skin sensitization not classifiable

Germline mutagenicity not classifiable

not classifiable as to carcinogenicity

Reproductive toxicity not classifiable

Specific target organ/systemic toxicity (single exposure) not classifiable

Specific target organ/systemic toxicity (repeated exposure) not classifiable

Aspiration respiratory hazard cannot be classified

Environmental hazards Aqueous environment Acute hazards cannot be classified

Aqueous environment Chronic hazards cannot be classified

Hazardous to the ozone layer cannot be classified

GHS label element

Pictogram or symbol: N/A

Alert words: N/A

Hazard information: N/A

CAUTION: Obtain instructions before use.

Do not handle until all safety precautions have been read and understood.

3.Composition and component information

Chemical/Mixture Distinctive mixture

Chemical or generic name

	CAS No.
Ink	
Higher fatty acids	112 -80 -1
Surfactant	26266 -58 -0
Pigment Yellow 74	6358 -31 -2
Basic Violet 3	548 -62 -9
Basic Blue 26	2580 -56 -5
Pigment White 21	7727 -43 -7
Solvent Black 7	8005 -02 -5
Pigment black 1	13007 -86 -8
Other materials not subject to the Chemical Substances Control Law	
Polyamide -6, 6	32131 -17 -2

UN classification and UN number: Not a dangerous substance as defined by the UN.

Substances specified by the PRTR Law are not included.

4.emergency measure

Explanation of necessary emergency measures

If inhaled: Blow the nose and gargle.

In case of contact with skin: Wash off thoroughly with soap.

Eye contact: Rinse immediately with running water and seek medical attention.

If swallowed: After washing the mouth thoroughly, seek medical attention.

Most important acute and delayed symptoms

No information

Prompt treatment as needed and indication of specific treatment needed

No information

5.Measures in case of fire

Fire extinguishing agents: foam, powder, carbon dioxide, large amounts of water, dry sand.

Fire extinguishing agent not to be used: No special.

Fire extinguishing method: extinguish with a large amount of water and fire extinguishing agent.

6.Measures to be taken in case of leakage

Personal precautions, protective equipment and emergency measures:

Ropes will be placed around the leaked area to prevent people from entering.

In case of a large quantity, wear appropriate protective equipment when working.

Environmental Considerations:

In the case of a large amount, the flow path is surrounded by sandbags or the like to prevent outflow.

Method and equipment of containment and decontamination:

If the amount is small, wipe it off with paper or cloth and burn it.

In the case of a large quantity, scoop it out with a spark-free shovel or the like into a sealable container and burn it.

7.Precautions on Handling and Storage

Handling

Technical measures (Local ventilation, general ventilation, etc.): No special need.

Safety precautions: Use at room temperature, normal humidity, and in a non-condensing state.

Contact avoidance: no knowledge

Sanitary measures: Wash hands thoroughly after handling.

Storage

Safe storage conditions: Keep away from high temperature, fire, humidity, water leakage, direct sunlight, and condensation, and store in an indoor warehouse at room temperature and humidity. Store away from food and feedstuffs

8. Exposure prevention and protection measures

Administrative parameter

Control density: No data

Acceptable concentration: No data

Equipment measures: Not set.

Protective tool

Respiratory protection: No special need.

Hand protection: no special requirement. Wear protective gloves if necessary.

Eye protection: Not required. Wear protective glasses if necessary.

Skin and body protection: No special need. Wear long-sleeved work clothes as needed.

9. Physical and chemical properties

Appearance (Physical state, shape, color, etc.): Band-like cloth impregnated with black ink

Odor: A slight odor

Odor threshold: no data

pH: No data

Melting point, freezing point: No data Boiling point, initial boiling point, boiling range: 180 °C or more

Flash point: 190 °C or higher Upper limit of the range of combustion or explosion: No data

Vapor pressure: not known as mixture

Vapor density: not known as a mixture

Specific weight (relative density): 0.98

Solubility water: insoluble n-octanol/water partition coefficient: No findings

Pyrophoric temperature: no data

Decomposition temperature: no data

Viscosity: no data

10. Stability and reactivity

Reactivity: No findings were obtained. Stable at room temperature.

Chemical stability: Stable under normal handling

Danger: Possibility of ignition due to fire

Conditions to avoid: No knowledge

Incompatible hazardous substances: No knowledge Hazardous and toxic degradation products: No knowledge

Dust explosion: None

11. hazard information

Acute toxicity (including 50% lethal dose etc.): No data

Skin corrosion and skin irritation: None

Serious eye damage or eye irritation: No data

Skin sensitization: No data

Respiratory sensitisation: no data

Germ cell mutagenicity: No data

Carcinogenicity: Its constituents are not listed on the IARC monogram.

Reproductive toxicity: No data Specific target organ toxicity (single exposure): No data Specific target organ toxicity (repeated exposure): No data

Respiratory respiratory toxicity: No data

12.environmental impact information

Ecological toxicity: no data as a mixture

Persistence/Degradability: No data

Bioaccumulative: No data

Mobility in soil: no data

Hazards to the ozone layer: No data available

Fish toxicity: no data

Acute hazards to the aquatic environment: No data available

Chronic hazards in the aquatic environment: No data

13.Disposal Precautions

dispose of or incinerate in appropriate equipment. It must not be released into the environment unnecessarily.

14.Transport Precautions

UN Number: Not applicable

UN Transport Name: Not applicable

Hazard class in transport: not applicable

Container grade: No applicable national regulation No applicable law

- During transportation, cargo must be loaded to prevent overturning, falling, and damage, and cargo collapse must be prevented.
 - Avoid high temperature, high humidity, low temperature and condensation during transportation. Also avoid transport with food and feed.
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15.applicable law

Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.: Diphenylamine as an impurity is classified as an existing chemical substance (Official Gazette No. 3 -133).

Row 1 ~ 15 of Appended Table 1 of the Export Trade Control Order:

Not applicable

Substantially applicable to diphenylamine as an impurity (Category No.; 1 (4) -Ca), but the corresponding ingredient

has received a notice from Ministry of Economy, Trade and Industry stating that the separation of diphenylamine is not easy.

It is not regulated by other laws.

16. Additional Information

*The information contained herein is for information only and is not guaranteed.

*The content of this report is based on currently available materials, information, data, and knowledge.

It may be revised according to findings.

*All chemicals may have unknown hazards, and the precautions listed are intended for normal use.

When using the product, take the utmost safety measures according to the actual conditions of use and usage at the user's own responsibility.

References, etc.

"JIS Z 7251: 2014" "JIS Z 7253: 2012" SDS for each raw material

Contact for inquiries about the contents of the report

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