

Safety Data Sheet

Product Name <p style="text-align: center;">Ink for Inked Ribbon Cassette</p>	
1. IDENTIFICATION	
<u>GHS product identifier</u> KSS-BK-221 Ink	
<u>Other means of identification</u> Liquid Black Ink	
<u>Recommended uses of the chemical and restrictions on use</u> Print use	
<u>Supplier's details</u> <u>Company / Manufacturer Identification</u> DYNIC Corporation Shin-Onarimon Building 6-17-19, Shimbashi, Minato-ku, Tokyo, Japan Tel) +81-3-5402-3137	
<u>Emergency phone number</u> Tel) +81-3-5402-3137	
2. HAZARD IDENTIFICATION	
<u>Classification of the substance or mixture:</u> Mixture	
<u>GHS label elements, including precautionary statements:</u> None	
<u>Other hazards which do not result in classification:</u> Potential carcinogen, not sufficient data to know. There is no data concerning remaining on the environment.	
3. COMPOSITION/INFORMATION ON INGREDIENTS	
Predominant Components	CAS No.
Fatty acid	112-80-1
Mineral oil	8042-47-5
Surfactant	26266-58-0
Black pigment	13007-86-8
Black dye	8005-02-5
Coloring material	6358-31-2
Coloring material	7727-43-7
Coloring material	147-14-8
Coloring material	7023-61-2
4. FIRST-AID MEASURES	
<u>Description of necessary first aid measures</u>	
<u>Inhalation:</u>	Not applicable
<u>Skin Contact:</u>	Wash away with soap and water. If your skin is irritated, consult a doctor.
<u>Eye Contact:</u>	Flush the eye with enough water. If the eye is inflamed, consult a doctor.
<u>Ingestion:</u>	Rinse your mouth with water and seek proper treatment.
<u>Most Important Symptoms/Effects, Acute and Delayed</u> No significant reaction of the human body to the product known	
<u>Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary</u> Not applicable	

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Chemical powder , CO₂-gas , Water spray, Sand , Form and others.

Special hazards arising from the chemical

Unknown

Special protective equipment and precautions for fire fighters

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

6. ACCIDENTAL RELEASE MEASURES

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.

Environmental precautions

No special environmental precautions necessary.

Methods and materials for containment and cleaning up

If inadvertently released, wipe it off with paper and cloth .

Move to the approved place based on the disposal regulation.

7. HANDLING AND STORAGE

Precautions for safe handling:

Keep at room temperature.

Conditions for safe storage, including any incompatibilities:

Store in cool, dry and dark place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameteers

Ventilation: None

Respiratory Protection: Not necessary if used in normal handling conditions.

Appropriate engineering controls

Individual protection measurea, such as personal protective equipment

Eye protection: None

Protective Gloves: None or gloves if necessary.

Work/Hygienic Practices:

None or wash away if necessary.

Other: None

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid ink

Color: black

Odor: Slight

Odor threshold: No data available

pH: No data available

Melting point: <0°C (32° F)

Boiling point: > 180°C (356° F)

Flash point: > 190°C (374° F)

Evaporation rate: No data available

Flammability: No data available

Lower explosion limit: Not applicable

Vapor Pressure: No data available

Reactive vapor density: No data available

Density: No data applicable

Water Solubility: Indissolubility
Partitioning coefficient n-octanol / water: No data applicable
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity: No data available

10. STABILITY AND REACTIVITY

Reactivity: No data available
Chemical stability: Not applicable
Possibility of hazardous reactions: No data available
Condition to Avoid: No data available
Incompatible materials: Not applicable
Hazardous decomposition products: No data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No data available
Skin irritation: No data available
Serious eye irritation: No data available
Respiratory or skin sensitization: No data available
Germ cell mutagenicity: No data available
Carcinogenicity: No data available
Reproductive toxicity: No data available
STOST-single exposure: No data available
STOST-repeated exposure: No data available
Aspiration hazard: No data available
Information on the likely routes of exposure :
No specific information available on the product
Symptoms related to the physical, chemical toxicological characteristics :
Not applicable
Delayed and immediate effects and also chronic effects from short and long term exposure:
No data available
Numerical measures of toxicity (such as acute toxicity estimates):
No data available
Interactive effects: Not applicable
Other information: Not applicable

12. ECOLOGICAL INFORMATION

Toxicity:
No specific information available on the product
Persistence and degradability:
No specific information available on the product. Product is insoluble in water.
Bioaccumulative potential: No data available
Mobility in soil:
No specific information available on the product
Other adverse effects:
No data available

13. DISPOSAL CONSIDERATIONS

Disposal methods
Disposal and incineration may be subject to local & national regulations.

14. TRANSPORT INFORMATION

UN No: Not classified as a dangerous good under transport regulations. (UN RTDG)

UN Proper Shipping Name: Ink

Transport hazard class(es)

Land transport (ADR/RID) : Not classified

Shipping information (IMDG): Not classified

Air transport (IATA/ICAO) : Not classified

15. REGULATORY INFORMATION

Safety, Health and Environmental Regulation/Legislation Specific for the Substance or Mixture

• U.S. Regulations

TSCA: All the ingredients are listed on the TSCA inventory.

California Prop 65:

This product contains a cause cancer chemicals listed on California prop 65.

• EU Regulation

Labeling According to EEC Directives : Not subject to labeling

WEEE (EU Directive 2002/96/EC) : Not applicable

RoHS (EU Directive 2011/65/EC) : Not applicable

PentaBDE&OctaBDE (EU Directive 2003/11/EC) : Not applicable

• Other countries Regulation

Complies with following national chemical requirements: DSL, AICS and ENCS

16. OTHER INFORMATION

*Disclaimer:

This Safety Data Sheet(SDS) 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.

Issue date: January 8, 2016

The End of SDS