

MATERIAL SAFETY DATA SHEET

Millenium Colorworks Inc.
 PO Box 1102
 W Babylon, NY, 11704

I. Product And Company Identification

Product Name- Kuro Sumi Ink

II. Composition/Information on Ingredients

CAS#	Chemical Name
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No. CAS number

Please see Section VII for product and component exposure guidelines.

Components not listed are not physical or health hazards as defined in 39 CFR 1910.1200 (Hazard Communication Standard).

III. Hazards Identification

HMIS Rating Health: 1 Flammability: 1 Reactivity: 0

Immediate (Acute) Health Effects by Route of Exposure

Inhalation: Can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.

Skin Contact: Can cause minor skin irritation, defatting, and dermatitis.

Eye Contact: Can cause minor irritation, tearing and reddening.

Ingestion: Mildly irritative to mouth, throat, and stomach. Can cause abdominal discomfort.

Long-Term (Chronic) Health Effects

This product is a carcinogen or contains a carcinogen as listed by the following groups:

OSHA: No NTP: No IARC: No NIOSH: No

IV. First-Aid Measures

Inhalation: Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial

respiration and have a trained individual administer oxygen. Get medical attention immediately

Eyes: None expected to be needed. However, use an eyewash to remove chemical from your eye regardless of the level of hazard

Skin Contact: Wash with soap and water.

Ingestion. No hazard in normal use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provided with the MSDS.

V. Fire Fighting Measures

Flammability Combustible at elevated temperatures

Summary:

Extinguishing Media: Use alcohol resistant foam, carbon dioxide or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid.

Fire and/or Explosion

Hazards:

Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

Fire Fighting Methods and Protection: Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Use methods for the surrounding fire.

Hazardous Combustion Products: Carbon dioxide, Carbon monoxide

Flash Point:

Greater than 93C (200 F)

VI. Accidental Release Measures

Personal Precautions And Equipment: No adverse health effects from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section VII of this MSDS.

VII Handling and Storage

Handling: No special handling instructions due to toxicity.

Precautions

Storage Store in a cool dry place. Isolate from incompatible
Conditions: materials.

VIU Exposure Controls/Personal Protection

Engineering No engineering controls are likely to be required to maintain
Measures: operator comfort under normal conditions of use.

Respiratory No respiratory protection required under nonnal conditions of
Protection: use.

Skin Not normally considered a skin hazard Where use can result in
Protection: skin contact, practice good personal hygiene. Wash hands and
Other exposed areas with mild soap and water before eating,
Drinking, and when leaving work.
Wear impervious material no specific details available.

Exposure

Guidelines:

CAS Number	OSHA Exposure Limits	ACGIH TLV-TWA	ACCGIH	IDLH
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No CAS number

If this product is provided in a dry powder state it should be considered a nuisance dust (PEL 10mg/m³).

If the processing of this product produces a mist it should be considered to be an oil mist with a PEL of 5 mg/mi.

IX Physical and Chemical Properties

Physical State	Liquid, semi-solid, or solid
Solubility in Water	Not determined
Volatiles, % by wt.	68.81
Volatiles, % by vol.	70.58
Volatile Organic Chemical % by wt	0.22
Volatile Organic Chemkals % by vol	0.22
Solids % by weight	31.19
Solids % by volume	29.42
Boiling Point	100 deg. C 212 deg. F
Specific Gravity	1.025
Bulk Density (Lb/Gal)	8.538

X. Stability and Reactivity

Stability: Stable under normal conditions

Conditions to Avoid: Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition

Materials to Avoid/Chemical Incompatibility: Strong oxidizing agents

XI Toxicological Information

Component Toxicology Data (NIOSH)

CAS Number LD50/LC50

No CAS number

X11. Disposal Considerations

Waste Description For Spent Product: Spent or discarded material is not expected to be a hazardous waste

Disposal Methods: Dispose in accordance with Federal State, Provincial And Local regulations Material may be compatible with Industrial waste incineration or inclusion in a fuel blending Program. This characterization is subject to approval by your waste management contractor. This material should be recycled if possible

XI1 Transportation Information

OT Basic Description: DOT & LATA Not determined

UN Number: NA

X1V Regulatory Information

TSCA Status All ingredients of this products are listed or are excluded from listing on the US Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Chemical Name	CASU	Regulation	Percentage
Not on list		CERCLA	
Not on list		NPR1 (Cdn)	
Not on list		PROP 65	
Ammonia	7664-41-7	SARA 313	<1
Ammonia	7664-41-7	SARA 313	< 1

The following items require export notification for TSCA

Chemical Name TSCA 12b list section

Not on list

This product falls under the following WHMIS class:

The following chemicals are disclosed to satisfy New Jersey and Pennsylvania Right to Know Laws.

XV Additional Information

Other:

References

Disclaimer:

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