Safety Data Sheet (SDS)

Drafted or revised on April 16, 2024

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name : Quick dye-based blue ink
QI-15 : Quick dye-based blue ink (10ml)
QI-31 : Quick dye-based blue ink (50ml)
Company name : SANBY CO.,LTD.
Address : 13-10, Ishigatsuji-cho, Tennoji Ward, Osaka City, Osaka Prefecture, Japan
Responsible department : Production headquarters
Phone number : +81-6-6743-1620
Fax number : +81-6-6743-1612
Recommended use and restrictions on use: Stamp ink
Reference number : QI-C091022-D5

2. HAZARDS IDENTIFICATION

GHS classification

Physical/Chemical hazards	: Explosives	No classification
	: Combustible / Flammable gas	No classification
	: Combustible / Flammable aerosol	No classification
	: Burnability / Oxidizing gas	No classification
	: High-pressure gas	No classification
	: Combustible liquid	Not classified
	: Flammable solid	No classification
	: Self-reactive chemical	No classification
	: Pyrophoric liquid	Not classified
	: Pyrophoric solid	Not classified
	: Self-heating chemical	Not classifiable
	: Water-reactive chemical	Not classified
	: Oxidizing liquid	Not classified
	: Oxidizing solid	Not classified
	: Organic peroxide	Not classified
	: Metal corrosion	Not classifiable
Health hazards	: Acute toxicity (oral)	Class 4
	: Acute toxicity (skin)	Not classifiable
	: Acute toxicity (inhalation: gas)	Not classified
	: Acute toxicity (inhalation: vapor)	Not classifiable
	: Acute toxicity (inhalation: dust and mist)	Not classifiable
	: Skin corrosive / irritation	Class 3
	:Serious eye damage / irritation	Not classifiable
	: Respiratory organs sensitization	Not classifiable
	: Skin sensitization	Not classifiable
	: Reproduction cell mutagenicity	Not classifiable
	: Carcinogenic	Not classifiable
	: Reproduction toxicity	Not classifiable
	: Target internal organs / systemic toxicity (single exposure)	Not classifiable
	: Target internal organs / systemic toxicity (repeat exposure)	Not classifiable
	: Respiratory organs noxiousness	
Environmental hazards	: Aquatic environmental toxicity (acute)	Not classifiable
	: Aquatic environmental toxicity (chronic)	Not classifiable

GHS Label Elements

Pictograms/Symbols :

Signal word : Warning

Hazard statements : Harmful if swallowed.
mild skin irritation

Precautionary statements:

【Preventive measures】
Please read carefully the "Safety Data Sheet (SDS)" before handling the material.
Handle the material in a well-ventilated place without fire.
Wear a protective mask, gloves, apron, goggles, etc. against organic solvents.
Watch out for leakage and ensure that the containers, etc. are always closed.
If the material is spilled from the container, wipe it off with a waste cloth.
In case of a fire, use a carbon dioxide gas or dry chemical extinguisher.
【Countermeasures】
If the material gets in the eyes, immediately wash them with water at least 15 minutes and get medical attention.
If the material attaches to the skin, clean it off with soap and plenty of water.
If there is soreness, get medical attention.
Normally, there is no danger of inhaling the material. But if a person inhaled the vapor of the material in a hot environment, immediately move the exposed person to a place where the air is fresh, then get medical attention immediately.
If a person swallowed the material, force him/her to swallow plenty of water and immediately get medical attention.
If the exposed person is unconscious, do not force him/her to disgorge the material.
【Storage】
Seal the container and store in well-ventilated place. No fires.
【Disposal】
Dispose of the product in accordance with the laws and ordinances.
Country and region: Dangerous Materials Class 4, Petroleum No.4 under the Fire Service Act.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Single substance or compound : Compound
General name : Same as the product name
Composition and content :

Hazardous Ingredients	Content (weight%)	CAS No.	Outer Limit
Oil-soluble pigments	*5.0 - 8.0*	Registered	
Copper and copper compounds	3.0 - 5.0	Registered	
Synthetic resin	*15 - 25*	Registered	
Polyalkylene glycol ether	*30 - 40*	Registered	
Polyethylene glycol	*30 - 40*	Registered	
Total	*100*		

4. FIRST AID MEASURES

Inhalation : Immediately move the exposed person to a place where the air is fresh and get medical attention as necessary.

Skin contact : Wash promptly the contaminated skin with soap and plenty of water. Contact a doctor as necessary, if any, pain is present due to water blisters.

Eye contact : Carefully wash the eyes for some minutes. Remove the contact lenses if they seem to be removed easily. Keep on washing the eyes after removing. Then get medical attention and a diagnosis.

Ingestion : Carefully rinse the mouth and get medical attention and a diagnosis.

5. FIRE-FIGHTING MEASURES

Extinguishing media : A foam, dry chemical or carbon dioxide extinguisher is effective.

Prohibited media : Directly discharged rod-form water

Specific hazards with regard to firefighting
: Irritant or toxic gases may be generated depending on the fire condition.

Specific methods of firefighting
: The firefighting must be conducted from the windward side. Sprinkle the water over the peripheral facilities to cool them.

Protection of firefighters : Wear appropriate protection tools (protective gloves, goggles and masks)

6. REMEDY AGAINST LEAKAGE

Personal precautions : If an accidental release occurred indoors, ventilate the area as necessary until the recovery work is complete.

Protects tools and emergency measures
: If the product is leaked, set up a rope around the place to prevent the unauthorized people from entering. Take care when walking on the site because it is slippery. When taking the measures, be sure to wear the protection tools (Refer to 8. "Exposure controls and personal protection.")

Environmental precautions : Take the utmost care to prevent the released product from flowing into the rivers etc.

Collection and neutralization: Stop the leakage.
(Containment, purification and devices)
: If the amount of leakage is small, absorb the material by using an absorption agent and clean off the remnant by using a rag or waste cloth. If the amount of leakage is large, prevent the outflow by placing earth and sand (incombustible) around the site and collect the empty containers by using a shovel or a suction machine.

Prevention of secondary hazards
: Immediately remove all the ignition sources. (Prohibit smoking, generating sparks and using flames in the peripheral areas.) Prevent the product from flowing into the drainage conduit, sewage pipe, basement or enclosed space.

7. CAUTION FOR HANDLING AND STORAGE

Handling

Technical measure : Take the appropriate measures for facilities and where the protection tools as described in 8. "Exposure-preventive and Protective Remedy."

Local and general exhaust ventilation
: Conduct the local and general exhaust ventilation as described in 8. "Exposure-preventive and Protective Remedy."

General precautions : Take necessary precautions to prevent the product from leaking, overflowing and scattering. Keep the product away from hot articles, spark and fire and prevent it from coming into contact with strong oxidants.

Precautions for safe handling
: Watch out for fire. Do not touch, inhale or swallow the product. Prevent the eyes from coming into contact with the product. Do not inhale the mist or vapor. Carefully wash the hands after handling the product.

Avoidance of contact : Refer to 10. “Stability and Reactivity.”
Storage
Technical measures : The storage site is used for storing dangerous materials are equipped with lighting, windows, lights or ventilating facilities.
Materials being hazardous when mixed
: Refer to 10. “Stability and Reactivity.”
Storage conditions : Store the materials in a well-ventilated place away from strong oxidants.
Packaging materials : Metallic oil tins, or polyethylene or polypropylene containers

8. EXPOSURE-PREVENTIVE AND PROTECTIVE REMEDY

Control concentration : No data
Permissible concentration: No data
Facility measures : Seal of the source, origin or use, the local exhaust system.
Protection tools
Respiratory protection : Wear a protection tool when handling a large amount of products.
Hand protection : Same as above
Eye protection : Same as above
Skin and body protection: Same as above
Hygiene measures : Wash hands carefully, after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid
Color : Ink color
Odor : Faint odor
pH : No data
Melting point : Not measured
Boiling point : Not measured
Flashpoint : *215* ℃ or less
Ignition point : No data
Explosive range : Not measured
Vapor pressure : Not measured
Vapor density (Air = 1) : Not measured
Evaporation rate : Not measured
Specific gravity : Not measured
Solubility : Not water soluble. Easily soluble in alcohol-based solvents.

10. STABILITY AND REACTIVITY

Stability : Stable in the general status without high temperature or high pressure
Hazardous reactivity : Stable under general conditions without high temperature or high- pressure
Conditions to be avoided: Do not store the product for an expended period of time under high-temperature and high-pressure conditions.
Materials being hazardous when mixed
: Strong oxidant, strong base, oxidizing agents

11. TOXIC INFORMATION

Acute toxicity (oral) : LD50=*500-2000* mg/kg (Rat) (Class 4) (Similar product)
Chronic toxicity : No data (Not classifiable)
Skin corrosive / irritation: Mild (Rabbit) (Class 4) (Similar product)
Local effect (Eyes and skin): Slight to mild stimulation
Respiratory organs sensitization
: No data (Not classifiable)
Skin sensitization : No data (Not classifiable)
Mutagenicity (microorganisms and chromosomal disorder)
: Not classifiable because of insufficient data
Carcinogenicity : No data (Not classifiable)
Reproductive toxicity : No data (Not classifiable)
Specific target internal organs / systemic toxicity (single exposure)
: No data (Not classifiable)

Specific target internal organs / systemic toxicity (repeat exposure)
: No data (Not classifiable)

Absorption respiratory organ toxicity:
: Not classifiable because of insufficient data
Other :

12. ECOLOGICAL INFORMATION

Not available

13. DISPOSAL CONSIDERATION

Dispose of waste in accordance with national, state and local regulations..

14. TRANSPORT INFORMATION

Follow all regulations in your country or region.

Precautions	: Pack, label and transport according to regulation.
	: Ensure containers without breakage or leakage.
	: Ensure containers tightly fixed.
	: Keep away from source ignition.
Proper shipping name	: Non hazardous
Hazard class	: Not applicable
UN number	: Not applicable
Packing group	: Not applicable
Hazard labels	: Not applicable

15. REGULATORY INFORMATION

Follow all regulations in your country or region.

16. OTHER INFORMATION

Sources : SDS issued by the manufacturer of raw materials

Handling of the information contained in this SDS

The information contained in this SDS is based on all the information and data that we obtained as of the date of issue. However, SANBY CO.,LTD. does not give any guarantee regarding the contents, physical or chemical properties, hazards or harm. All remarks and precautions are premised on ordinary handling and it is the user's responsibility to take enough safety measures in accordance with the application and purpose in case of a particular use.