

<Material Safety Data Sheet>

Too Marker Products Inc.
 Ebisu Subaru Bldg. 4F., 20-8, Ebisu 1-chome, Shibuya-ku, Tokyo, Japan
 (Phone)03-3440-6141 (Fax)03-3440-6151
 January 01, 2011

Product Name: Copic Drawing Pens in Black (water based dye ink)

Component: Mixed product of followings:
 Water 7732-18-5
 Dye (Black) 6428-31-5
 Glycerin 56-81-5
 Urea 57-13-6
 Diethylene Glycol 111-46-6
 Non-Flammable.

Physical and Chemical Characteristics

Classification: Liquid
Boiling Point: 105 degrees C (220 degrees F)
Vapor Pressure: Not known
Vapor Density: Not known
Solubility in Water: Soluble
Specific Gravity: 1.1
Melting Point: Not Applicable
Evaporation Rate: Not known
Odor: Very little
Appearance: Liquid Ink

Fire and Explosion Hazard Data

Flash Point: Non-flammable
Lower Flammable Limit:
Upper Flammable Limit:
Fire extinguishing media: Fogged Water, Bubble, carbonic acid gas, Dry chemicals
Special Fire Fighting Procedure: Block out fire source and extinguish with extinguishing media

Unusual Fire & Explosion Ha: None

Reactivity Data

Stability: Stable in normal condition
Conditions to Avoid: Not known
Incompatibility (Avoid): Not known
Hazardous Decomposition: No
Hazardous Polymerization: No
Conditions to Avoid: Not known

Health Hazard Data

Physical Hazards: No
Health Hazards: Do not swallow. No warranty is given.
 Avoid direct contact with eyes causing irritation.
First Aid: **Eye Contact:** Flush the eye with fresh water and seek ophthalmologist assistance immediately in the event of pain.
Swallowed: Put fingers down the throat to induce vomit. and seek medical help immediately.
Inhaled: Move the victim to the place with fresh air.
Skin Contact: Wash with large quantities of water and soap.

Precaution for Safe Handling and Use

In Case of Spill:	When working, the protective equipment should be worn without fail. Do not work in leeward.
In case of a little amount	The leakage liquid is absorbed by sawdust, the cotton waste, and sand, etc. and collected.
In case of a large amount	Stop the outflow with earth and sand etc. and collect it as much as possible.
Waste Disposal Method	Dispose in accordance with the regulations of country concerned for water based pigment ink.
Precaution	None Known.
Other Precautions	None Known.

Control Measures

Respiratory Protection:	None.
Local Exhaust:	Not specifically suggested.
Special Local Exhaust:	Not specifically suggested.
Mechanical Exhaust:	Not specifically suggested.
Other Mech. Exhaust:	Not specifically suggested.
Protective Gloves:	Yes to avoid skin contact.
Eye Protection:	Wear protective spectacles
Other Protective Clothing or Equipment:	Mask and rubber shoes, etc.
Work/Hygienic Practices:	Do not spray or airbrush without adequate ventilation. Avoid inhalation of mist or spray.
Handling and Storage:	Handling: Do not touch eyes with hands stained with ink. Storage: Store in accordance with the regulations of country concerned. Keep in the place with good ventilation. Keep it away from children.

Protection from Exposure:	Accommodation/equipment measures: Handle the material in a well-ventilated place. Protective gear: Rubber gloves and chemical goggles or face shield for normal condition. Wear rubber gloves, rubber apron, and safety shoes. protective goggles, and gas mask for concentrated area.
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Disposal:	Recover free liquid and dispose in accordance with the regulations of country concerned.
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Transportation:	Follow the directions given in Handling and Storage section. Confirm no container leakage and make sure to prevent the loading collapse of cargo piles by falls and damage in transportation.
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Inquiry, References:	The above statements were based on currently available data and information. Please note that this does not ensure the product characteristics in every possible respect. Strict observance of current laws and regulations is individual responsibility.
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Product Name:	Copic Drawing Pen in Sepia (water based dye ink)	
Component:	Mixed product of followings:	
	Water	7732-18-5
	Dye (Sepia)	C.I No.30145
	Glycerin	56-81-5
	Urea	57-13-6
	Non-Flammable.	
Physical and Chemical Characteristics		
Classification:	Liquid	
Boiling Point:	100 degrees C (212 degrees F)	
Vapor Pressure:	Not known	
Vapor Density:	Not known	
Solubility in Water:	Soluble	
Specific Gravity:	1.1	
Melting Point:	Not Applicable	
Evaporation Rate:	Not known	
Odor:	Very little	
Appearance:	Liquid Ink	
Fire and Explosion Hazard Data		
Flash Point:	Non-flammable	
Lower Flammable Limit:		
Upper Flammable Limit:		
Fire extinguishing media:	Fogged Water, Bubble, carbonic acid gas, Dry chemicals	
Special Fire Fighting Procedure:	Block out fire source and extinguish with extinguishing media	
Unusual Fire & Explosion Hazard:	None	
Reactivity Data		
Stability:	Stable in normal condition	
Conditions to Avoid:	Not known	
Incompatibility (Avoid):	Not known	
Hazardous Decomposition:	No	
Hazardous Polymerization:	No	
Conditions to Avoid:	Not known	
Health Hazard Data		
Physical Hazards:	No	
Health Hazards:	Do not swallow. No warranty is given. Avoid direct contact with eyes causing irritation.	
First Aid:	Eye Contact: Flush the eye with fresh water and seek ophthalmologist assistance immediately in the event of pain. Swallowed: Put fingers down the throat to induce vomit, and seek medical help immediately. Inhaled: Move the victim to the place with fresh air. Skin Contact: Wash with large quantities of water and soap.	

Precaution for Safe Handling and Use

In Case of Spill:	When working, the protective equipment should be worn without fail. Do not work in leeward.
In case of a little amount	The leakage liquid is absorbed by sawdust, the cotton waste, and sand, etc. and collected.
In case of a large amount	Stop the outflow with earth and sand etc. and collect it as much as possible.
Waste Disposal Method	Dispose in accordance with the regulations of country concerned for water based pigment ink.
Precaution	None Known.
Other Precautions	None Known.

Control Measures

Respiratory Protection:	None.
Local Exhaust:	Not specifically suggested.
Special Local Exhaust:	Not specifically suggested.
Mechanical Exhaust:	Not specifically suggested.
Other Mech. Exhaust:	Not specifically suggested.
Protective Gloves:	Yes to avoid skin contact.
Eye Protection:	Wear protective spectacles
Other Protective Clothing or Equipment:	Mask and rubber shoes, etc.
Work/Hygienic Practices:	Do not spray or airbrush without adequate ventilation. Avoid inhalation of mist or spray.
Handling and Storage:	Handling: Do not touch eyes with hands stained with ink. Storage: Store in accordance with the regulations of country concerned. Keep in the place with good ventilation. Keep it away from children.

Protection from Exposure:	Accommodation/equipment measures: Handle the material in a well-ventilated place. Protective gear: Rubber gloves and chemical goggles or face shield for normal condition. Wear rubber gloves, rubber apron, and safety shoes. protective goggles, and gas mask for concentrated area.
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Disposal:	Recover free liquid and dispose in accordance with the regulations of country concerned.
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Transportation:	Follow the directions given in Handling and Storage section. Confirm no container leakage and make sure to prevent the loading collapse of cargo piles by falls and damage in transportation.
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Inquiry, References:	The above statements were based on currently available data and information. Please note that this does not ensure the product characteristics in every possible respect. Strict observance of current laws and regulations is individual responsibility.
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 January 01, 2011

Product Name:	Copic Multiliner (water based pigment ink) Copic Multiliner SP (water based pigment ink)
Hazardous Component:	CAS No.
(Black)	
Water	
Carbon Black	1333-86-4
Glycerin	56-81-5
Resin	25086-15-1
Isopropyl Alcohol	67-63-0
(Purple)	
Water	
Purple	6358-30-1
Ethrene Glycol	107-21-1
Glycerin	56-81-5
Resin	25086-15-1
Urea	57-13-6
Isopropyl Alcohol	67-63-0
(Wine)	
Water	
Red	1047-16-1
Blue	147-14-8
Yellow	6358-85-6
Purple	6358-30-1
Ethrene Glycol	107-21-1
Glycerin	56-81-5
Resin	25086-15-1
Urea	57-13-6
Isopropyl Alcohol	67-63-0
(Pink)	
Water	
Red	1074-16-1
Ethrene Glycol	107-21-1
Glycerin	56-81-5
Resin	25086-15-1
Urea	57-13-6
Isopropyl Alcohol	67-63-0
(Red)	
Water	
Red	6655-84-1
Ethrene Glycol	107-21-1
Glycerin	56-81-5
Resin	25086-15-1
Urea	57-13-6
Isopropyl Alcohol	67-63-0
(Orange)	
Water	
Orange	6505-28-8
Ethrene Glycol	107-21-1
Glycerin	56-81-5
Resin	25086-15-1
Isopropyl Alcohol	67-63-0
(Yellow)	
Water	
Yellow	6358-85-6

	7732-18-4
	71356--38-2
Urea	57-13-6
Isopropyl Alcohol	67-63-0

This artist drawing ink is a professional artist's product that is not intended for use by children. Keep out of the reach of children. Non-Flammable.

Physical and Chemical Characteristics

Classification:	Non-flammable liquid
Boiling Point:	100 degrees centigrade
Vapor Pressure:	Not known
Vapor Density:	Not known
Solubility in Water:	Moderate
Specific Gravity:	1.03-1.05
Melting Point:	Not Applicable
Evaporation Rate:	Slow
Odor:	Very little
Appearance:	Liquid Ink

Fire and Explosion Hazard Data

Flash Point:	Non-flammable
Lower Flammable Limit:	
Upper Flammable Limit:	
Fire extinguishing media:	Water
Special Fire Fighting Procedure:	Use water.
Unusual Fire & Explosion Hazard:	Report to the appropriate authorities to seek for assistance. None

Reactivity Data

Stability:	Stable: Yes
Conditions to Avoid:	None Known
Incompatibility (Avoid):	None Known
Hazardous Decomposition:	No
Hazardous Polymerization:	No
Conditions to Avoid:	None Known

Health Hazard Data

Physical Hazards:	No
Health Hazards:	Do not swallow. No warranty is given.

First Aid:	Eye Contact: Flush the eye with fresh water for at least 5 minutes. Seek ophthalmologist assistance immediately. Swallowed: Give a plenty of water or salt water, put fingers down the throat to induce vomit, and seek medical help immediately. Do not give an unconscious victim anything orally.
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Precaution for Safe Handling and Use

In Case of Spill:	Flush out the spill by large quantities of water. In this case, need to make sure that the concentrated liquid would not be flown out into nearby rivers and other water bodies.
Waste Disposal Method:	Dispose in accordance with the regulations of country concerned for water based pigment ink.
Precaution:	None Known.
Other Precautions:	None Known.

Control Measures

Respiratory Protection:	None.
Local Exhaust:	Not specifically suggested.
Special Local Exhaust:	Not specifically suggested.
Mechanical Exhaust:	Not specifically suggested.

Other Mech. Exhaust:	Not specifically suggested.
Protective Gloves:	Yes to avoid skin contact.
Eye Protection:	Chemical goggles or face shield to avoid splash.
Other Protective Clothing or Equipment:	Impervious rubber gloves
Work/Hygienic Practices:	Use standard Artist's precautions. Do not spray or airbrush without adequate ventilation. Avoid inhalation of mist or spray.
Handling and Storage:	Handling: Do not swallow. Storage: Store in accordance with the regulations of country concerned. Store it in a cool and dry area out of direct sunlight.
Protection from Exposure:	Accommodation/equipment measures: Handle the material in a well-ventilated place. Protective gear: Rubber gloves and chemical goggles or face shield for normal condition. Wear rubber gloves, rubber apron, and safety shoes, protective goggles, and gas mask for concentrated area.
Disposal:	Recover free liquid and dispose in accordance with the regulations of country concerned.
Transportation:	Follow the directions given in Handling and Storage section.
Inquiry, References:	The above statements were based on currently available data and information. Please note that this does not ensure the product characteristics in every possible respect. Strict observance of current laws and regulations is individual responsibility.
