

MATERIAL SAFETY DATA SHEET

(Required under OSHA's Hazard Communication Standard 29 CFR 1910.1200)

(XZPK-S)

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IDENTITY (As Used on Label and List)

Permapaque, Opaque Pigment Marker, Fine Points (XZPK-S): 20 Colors

(Black, Red, Blue, Green, Brown, White, Yellow, Orange, Purple, Pink, Yellow Green, Pale Orange, Sky Blue, Gold, Silver, Bronze, Metallic Pink, Metallic Purple, Metallic Green, Metallic Blue)□□

Section I

Manufacturer's Name: Sakura Color Products Corporation	Telephone Number: +81 (0)6 - 6910 - 8824 (Japan)
Address: 1-6-20, Morinomiya Chuo, Chuo-ku, Osaka, 540-8508 Japan	FAX Number: +81 (0)6 - 6910 - 8834 (Japan)
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Section II - Hazardous Ingredients / Identity Information

Hazardous Components	CAS No.	WT %	OSHA PEL	ACGIH TLV
□□□□□				
□□This product is approved by ACMI (The Art & Creative Material Institute, Inc.), and carries				
□□the "AP" seal of non-toxic approval in USA.				

Section III - Physical / Chemical Characteristics for Ink

Boiling Point:	□ ca. 100°C	Specific Gravity: (H ₂ O = 1 at 25°C)	1.0 □1.1
Vapor Pressure: (mmHg)	N.D.	Melting Point:	N.D.
Vapor Density: (Air = 1)	N.D.	Evaporation Rate: (Butyl Acetate = 1)	N.D.

Solubility in Water

Soluble (except pigments)

Appearance and Odor

No odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Uses): N.D.	Flammable Limits: LEL: N.D. UEL: N.D.
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Extinguish Media:

In case of fire, use water spray, foam or dry chemical powder.

Special Fire Fighting Procedures:

No special mention

Unusual Fire and Explosion Hazards:

Toxic gases (carbon monoxide, nitrogen oxides and sulfur oxide) will form upon combustion.

N.A.: Not Applicable

N.D.: Not Determined

Section V – Reactivity Data

Stability	Unstable		Condition to avoid:
	Stable		
Incompatibility (Materials to avoid):			
Hazardous Decomposition or Byproducts:			
Hazardous Polymerization	May Occur		Condition to avoid:
	May not Occur		

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation?: Yes	Skin?: Yes	Ingestion?: Yes
Health Hazards (Acute and Chronic): Unknown			
Carcinogenic:			
NTP? :	None	IARC Monographs? :	None
OSHA Regulated? :			None
Signs and Symptoms of Exposure:			
Not applicable in normal use.			
Medical Conditions Generally Aggravated by Exposure:		Unknown	
Emergency and First Aid Procedure:			

Rout of Entry	Emergency procedures	Seek medical advice
Inhalation	Not applicable	
Eyes	Gently rinse the affected eyes with clean water for at least 15 minutes.	
Skin	Rinse with running water and soap.	
Ingestion	If the victim stops breathing, wipe away any remaining material in the mouth and clear the airway and administer artificial respiration.	

Section VII – Precautions for Safe Handling and Use

Steps to be taken in Case Material is Released or Spilled.

Under normal handling. This ink cannot be spilled, as it is injected into an ink reservoir.

If written on the skin, rinse with running water and wash with soap.

Waste Disposal Method: Follow all regulations in your country.

Precautions to be taken in Handling and Storing: Keep away high temperature or direct sunlight.

Other Precautions: Keep away from strong acid.

Section VIII – Control Measures

Respiratory Protection (Specify Type):

Not necessary

Ventilation	Local Exhaust:	Special:
	Not necessary	Not necessary
	Mechanical (General):	Other:
	Not necessary	Not necessary

Protective Gloves:	Eye Protection:
Not necessary	Not necessary

Other Protective Clothing or Equipment:
Not necessary

Work / Hygienic Practices:

In the case of stuck to the skin, rinse with running water and soap.

This information herein is given good faith, but no warranty, expressed or implied is made.

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