

20702-0069
-1005

MATERIAL SAFETY DATA SHEET

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

(XSDK05)

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IDENTITY (As Used on Label and List)

Pigma Micron Pen 0.45mm: Black(XSDK05-49), Blue(XSDK05-36), Red(XSDK05-19), Green(XSDK05-29),
Brown(XSDK05-12), Purple(XSDK05-24), Orange(XSDK05-05), Yellow(XSDK05-03),
Rose(XSDK05-21), Sepia(XSDK05-117), Royal Blue(XSDK05-138),
Burgundy(XSDK05-22), Hunter Green(XSDK05-230), Blue Black(XSDK05-243),
Fresh Green(XSDK05-32) (Total: 15 Colors)

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)
Published Date: September 04, 2008	Publisher: Takahiro Shirai

Section II - Hazardous Ingredients / Identity Information

Hazardous Components	CAS No.	WT %	OSHA PEL	ACGIH TLV
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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:	about 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.
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

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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?:
	Health Hazards (Acute and Chronic):	Unknown	Ingestion?:
		Yes	Yes
Carcinogenic:	NTP? : None	IARC Monographs? :	None
		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		<input type="checkbox"/>
Eyes	Gently rinse the affected eyes with clean water for at least 15 minutes.		<input checked="" type="checkbox"/>
Skin	Rinse with running water and soap.		<input type="checkbox"/>
Ingestion	If the victim stops breathing, wipe away any remaining material in the mouth and clear the airway and administer artificial respiration.		<input checked="" type="checkbox"/>
Section VII - Precautions for Safe Handling and Use			
Steps to be taken in Case Material is Released or Spilled. The ink is not spilled so that it soaked into the ink reservoir by normal handling. In the case of stuck to the skin, rinse with running water and 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 a strong acid.			
Section VIII - Control Measures			
Respiratory Protection (Specify Type): Not necessary			
Ventilation	Local Exhaust:	Not necessary	Special:
	Mechanical (General):	Not necessary	Other:
		Not necessary	Not necessary
Protective Gloves:	Not necessary		Eye Protection:
			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.			