

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.



Bardeen

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U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)
 Form Approved
 OSHA No. 1218-D072



IDENTITY (As Used on Label and List)
 XAMW-18

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name Sakura Color Products Corp.	Emergency Telephone Number
Address (Number, Street, City, State, and ZIP Code) 10-17 Nakamichi, Higashinari-ku Osaka, Japan	Telephone Number for Information 06-973-9719
	Date Prepared June 5, 1990
	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Titanium dioxide (CAS #13463-67-7)	15 mg/m ³ (TWA)	10 mg/m ³		0 - 40
Carbon Color #50, 18, 36, 21, 1, 25				
Carbon Black (CAS #1333-86-4) for Color #49	3500 µg/m ³ (TWA)			0 - 15

Section III — Physical/Chemical Characteristics

Boiling Point n.d.	Specific Gravity (H ₂ O = 1) 1.1
Vapor Pressure (mm Hg.) n.d.	Melting Point n.d.
Vapor Density (AIR = 1) n.d.	Evaporation Rate (Butyl Acetate = 1) n.d.
Solubility in Water soluble in infinity	
Appearance and Odor tubed water colors	

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) n.d.	Flammable Limits	LEL n.d.	UEL n.d.
Extinguishing Media watering, dry chemical, CO ₂ etc.			
Special Fire Fighting Procedures			
Unusual Fire and Explosion Hazards COx NOx			

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid) nothing special

Hazardous Decomposition or Byproducts none

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? no Skin? no Ingestion? yes

Health Hazards (Acute and Chronic) n.d.

Carcinogenicity: NTP? Carbon Black IARC Monographs? IARC-3 OSHA Regulated?

Signs and Symptoms of Exposure n.d.

Medical Conditions Generally Aggravated by Exposure n.d.

Emergency and First Aid Procedures When contacted to the eye, wash off with running water for 15 minutes or over. When contacted to the skin, wash off with running water. Call physician if needed.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Wash off with water. Rub with brush with soap water if it is not effective.

Waste Disposal Method Dispose according to local, State or Federal law.

Precautions to Be Taken in Handling and Storing Keep capped after use.

Other Precautions

Section VIII — Control Measures

Respiratory Protection (Specify Type) not necessary

Ventilation	Local Exhaust	not necessary	Special
	Mechanical (General)	not necessary	Other

Protective Gloves not necessary Eye Protection not necessary

Other Protective Clothing or Equipment nothing special

Work/Hygiene Practices nothing special