

073-0225 73-0230 73-0235 73-0240
73-0245

MATERIAL SAFETY DATA SHEET

IDENTITY (As Used on Label and List)

OIL-BASED FINEPOINT MARKER, EOK(#49,19,36) Microperm

Section I

Manufacturer's Name SAKURA COLOR PRODUCTS CORP.	Emergency Telephone Number
Address 1-6-20, MORINOMIYA CHUO, CHUO-KU, OSAKA, 540 JAPAN	Telephone Number for Information (06)910-8800
	Date Prepared 28 February, 1994
	Signature of Preparer Takahiro Shirai

Section II-Hazardous Ingredients/Identity Information

Hazardous Components(CAS No.)	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
PROPYLENE GLYCOL METHYL ETHER (107-98-2)		TWA100ppm		35 - 70(INK)
ETHANOL(64-17-5)	airTWA1000ppm	TWA1000ppm		5 - 40(INK)
DIPROPYLENE GLYCOL METHYL ETHER(34590-94-8)	airTWA100ppm	TWA100ppm		5 - 15(INK)
Cr - METALLIZED DYE (only for #49)				0 - 15(INK)

Section III-Physical/Chemical Characteristics

Boiling Point	n.d.	Specific Gravity(H ₂ O=1) (at25°C)	1>(INK)
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 (INK)		
Appearance and Odor	fine pointed marking pen with solvent odor		

Section IV-Fire and Explosion Hazard Data

Flash Point(Method Used)	n.d.	Flammable Limits	LEL n.d.	UEL n.d.
Extinguishing Media	Foam, CO ₂ , Dry Chemical			
Special Fire Fighting Procedures	nothing special			
Unusual Fire and Explosion Hazards	Flammable vapor may occur when heated.			

n.a.: not applicable

n.d.=not determined

0678-025 2/10/80

X50K

Section V-Reactivity Data

Stability	Unstable		Conditions to avoid
	Stable	●	

Incompatibility (Materials to Avoid) None

Hazardous Decomposition or Byproducts It won't occur from normal handling.

Hazardous Polymerization	May Occur		Conditions to avoid
	May Not Occur	●	

Section VI-Health Hazard Data

Route(s) of Entry: Inhalation? No Skin? Yes Ingestion? Yes

Health Hazards (Acute and Chronic) This product is approved by ACMI (The Art and Creative Materials Institute), and carries the "AP" seal of non-toxic approval in America.

Carcinogenicity: None NTP? IARC Monograph? group-3 (#49) OSHA Regulated?

Signs and Symptoms of Exposure It won't occur from normal handling.

Medical Conditions Generally Aggravated by Exposure

It won't occur from normal handling.

Emergency and First Aid Procedures Eyes: Immediately flush eyes with copious amounts of running water (for 10 minutes), if necessary see an oculist. Ingestion: It may be necessary medical advice. Skin: Rinse with running water and soap.

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. In case of stuck, rinse with soap and water or wipe off with alcohol etc.

Waste Disposal Method Incinerate under safe conditions or dispose of in accordance with Federal, state's or local regulation.

Precautions to Be Taken in Handling and Storing After using, close the cap tightly.

Other Precautions

Section VIII-Control Measures

Respiratory Protection (Specify Type) Not necessary

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

Protective Gloves Not necessary Eye Protection Not necessary

Other Protective Clothing or Equipment Not necessary

Work/Hygiene Practices In case of stuck to the skin, rinse with soap and water.