

# 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.

U.S. Department of Labor  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

## Section I - Product Name and Manufacturer

Identity (As appears on label): Super Density KIMOTO PAKE F (H890B), KIMOTO PAKE M (H891B) KIMOTO PAKE Super Fine	Product Description (General Use): Retouching Pen
Manufacturer's Name: <b>KIMOTO TECH, INC.</b>	Emergency Telephone, Contact Chemtrec: 1-800-424-9300 or (770) 748-2643
Address: 601 Canal Street P.O. Box 1783 Cedartown, Georgia 30125 (770) 748-2643	Date Prepared:  This M.S.D.S. is based on information available at the time of publishing. This version supersedes any previously dated M.S.D.S. for this product.

## Section II - Hazardous Ingredients / Exposure Limits

This is an article, which is exempt under the Hazard Communication Standard (29 CFR §1910.1200). An article is defined as a manufactured item which if formed to a specific shape or design during manufacture and which has end use functions dependent in whole or in part upon its shape or design during end use. The purpose of this exemption removes from regulation articles that are non-hazardous during normal use.

Ink solution contains:

Butyl Acetate	123-86-4	200ppm	40.00 wt %
MEK	78-98-8	250ppm	15.38 wt %
MIBK	563-80-4	100ppm	15.33 wt %
Toluene	108-88-3	100ppm	1.60 wt %

Hazardous Materials Identification System Ratings:

Health Hazard: 1 Flammability Hazard: 3 Reactivity Hazard: 0 Personal Protection: N.A.

## Section III - Physical / Chemical Characteristics

Boiling Point	126.5°C Butyl Acetate	Specific Gravity (H <sub>2</sub> O = 1)	Approx.
Vapor Pressure (mm Hg)	NA	Melting Point ° C:	Approx. - 77.0°C
Vapor Density (Air = 1)	4.0	Evaporation Rate (Butyl Acetate = 100)	NA

Density (g/cm<sup>3</sup>): 0.925

Solubility in Water: (at 20° C)

% Volatile (4)

Appearance and Odor: A Slight Smell

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) 38° C	Flammable Limits	LEL: 1.7	UEL: 15.6
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Extinguishing Media:

CO<sub>2</sub>, Powder Extinguisher - Alcohol Foam

Special Fire Fighting Procedures: Keep Away From Fire

Unusual Fire and Explosion Hazards: NA

Autoignition Temp (°C): 421 °C

N.A. = Not Applicable N.E. = Not Established

Product Name (As appears on label)

Section V - Reactivity Data

Stability:	Unstable:		Conditions to Avoid:
	Stable:	X	Avoid High Temperature

Incompatibility (Materials to Avoid): NE

Hazardous Decomposition or Byproducts: NE

Hazardous Polymerization:	May Occur:		Conditions to Avoid:
	Will Not Occur:	X	NE

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation? Remove to fresh air, if necessary call doctor.

Eye? Flush with water.

Skin? Wash with soap and water.

Ingestion? Seeing a doctor after vomiting out.

Carcinogenicity: NTP? NO IARC Monographs? NO OSHA Regulated? NO

Signs and Symptoms of Exposure: NE

Medical Conditions Generally Aggravated by Exposure: NE

Emergency and First Aid Procedures: NA

Section VII - Precautions for Safe Handling and Use

Steps To Be Taken In Case Material Is Released Or Spilled: Wipe off with cloth.

Waste Disposal Method: Disposal of waste material must be handled in a manner, which complies with all local, state, federal EPD regulations.

Precautions To Be Taken In Handling And Storing: Store in cool place.

Other Precautions: NA

Section VIII - Control Measures

Respiratory Protection (Specify Type): Ventilation: Necessary for long time use in the room.

Protective Gloves: Not Required

Protective Skin and Eyewear/: Protective glasses and mask

Other Protective Clothing or Equipment: Not Required

Work / Hygienic Practices: NA