

DANIEL SMITH INC.

Fine Artists' Materials

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MATERIAL SAFETY DATA SHEET

DATE OF PREPARATION

Jan 5, 1988

INFORMATION TELEPHONE NO.

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SECTION I - PRODUCT IDENTIFICATION

Product Name: Permanent Yellow Litho Ink

HMIS DATA:

Product Number: 9375012

Health 1

Chemical Name: Oxidizing type offset ink

Flammability 1

CAS Number: N/A (mixture)

Reactivity 0

Protection B

SECTION II - HAZARDOUS INGREDIENTS

Ingredient	Percent Weight	Occupational Exposure Limits	
		TLV	PEL
Aliphatic Hydrocarbon Solvent	8 - 28%	N/A	N/A

SECTION III - PHYSICAL CHARACTERISTICS

Boiling Range: 510-600°F

Vapor Pressure: N/A

Melting Point: N/A

Vapor Density: Heavier than air

Specific Gravity (H₂O=1): >1

% Volatile Weight: 8 - 28%

Viscosity: >100,000 cps

Evaporation Rate: Slower than BuOAc

Appearance and Odor: paste/oily

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

DOT Hazard Class: None

Flash Point: >200°F

Flammable Limits (Percent in Air): LEL N/A

UEL N/A

Extinguishing Media: Dry chemical, foam, or CO₂.

Special Fire Fighting Procedures: Self-contained respiratory equipment should be worn to avoid inhalation of concentrated vapors. Use water to keep containers cool.

SECTION V - HEALTH HAZARD DATA

Emergency and First Aid Procedures(Routes of Entry):

Eye Contact: Flush with water for at least 15 min.; get medical attention if necessary.

Inhalation: Remove individual to fresh air.

Skin: Wash with soap and water.

Ingestion: DO NOT INDUCE VOMITING. Get medical attention.

Medical Conditions Prone to Aggravation by Exposure: None known.

Effects of Overexposure: Skin contact: Prolonged contact may result in irritation, redness, dermatitis. Eye contact: may cause redness, irritation. Ingestion: may cause nausea, vomiting.

SECTION VI - REACTIVITY DATA

Stability: Product is stable.

Conditions to Avoid: Excessive temperature, direct heat.

Incompatibilities (Materials to Avoid): Strong oxidizing agents.

Hazardous Decomposition or By-products: None known.

Hazardous Polymerization: None known

SECTION VII - SPILL OR LEAK PROCEDURE

Steps to take in case Material is Spilled or Released: Eliminate all sources of ignition. Soak up spill with absorbent material and remove to open air.

Waste Disposal Method: Atomize into incinerator or contact hazardous waste disposal facility.

SECTION VIII - INDUSTRIAL HYGIENE CONTROL MEASURES

Ventilation: Use only in areas with adequate ventilation.

Respiratory Protection: None required with normal use.

Protective Gloves: Rubber or vinyl.

Eye Protection: Face shield or goggles, if eye contact is probable.

Other Protective Clothing or Equipment:

Work/Hygiene Practices: Normal cleanup procedures.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in Handling and Storing: Store away from fire and flame, keep containers closed.

Other Precautions: Do not store in unmarked containers.

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