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MATERIAL SAFETY DATA SHEET  
MSDS for 3400 BLACK MIMEOGRAPH INK

1 -Section I - Product Identification

Manufacturer's Name A.B.DICK COMPANY	Emergency Phone Number (24 Hours) (312) 763-1900
Street Address 5700 WEST TOUHY AVENUE	MSDS Request Phone Number: 1-800-752-5139, Ext. 2531
City,State,Zip Code NILES, ILLINOIS 60714	Date Prepared: March 30, 1994
	Prepared By: Kenneth W. Pinter

Product Use: MIMEO PRINTING.

Chemical Name, Trade Name, Synonyms: NONE.

HMIS RATING

1 - Health      1 - Flammability      0 - Reactivity      A - Personal Protection

2 -Section II - Hazardous Ingredients

Hazardous Components	CAS NO.	% WT.	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
HYDROTREATED HEAVY NAPHTHENIC DISTILLATE	64742-52-5	25-30	5 mg/M3	5 mg/M3	
HYDROTREATED LIGHT NAPHTHENIC DISTILLATE	64742-53-6	5-10	5 mg/M3	5 mg/M3	

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3 -Section III - Physical Data

Boiling POINT(F): > 212	pH: N.A
Vapor Pressure(mm Hg): INSIGNIFICANT.	Freezing Point(F): 15
Vapor Density (AIR = 1): > 1.0	VOC: 0.54 LBS/GAL
Specific Gravity (H2O=1): 1.10	Color And Odor: BLACK / OILY ODOR

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3 -Section III - Physical Data (continued)

Odor Threshold: N.D. | Physical State: PASTE.

Evaporation Rate (Butyl Acetate = 1): N.A.

Solubility in Water: DISPERSES.

4 -Section IV - Fire and Explosion Hazard Data

FLASH POINT (METHOD USED): N.A. | Flammable Limits:  
| LEL: N.A. | UEL: N.A.

Auto-ignition Temperature: N.D.

Extinguishing Media: WATER FOG / CO2 / DRY CHEMICAL.

Special Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS  
WHEN FIRE FIGHTING IN CONFINED SPACE.

Unusual Fire And Explosion Hazards: NONE.

5 -Section V - Reactivity Data

Stability            Unstable :            | Conditions to Avoid: NONE.  
                      Stable    : X            |

Incompatibility (Materials to Avoid): OXIDIZING MATERIAL.

Hazardous Decomposition Products: CO / CO2 / SMOKE.

Hazardous            | May Occur:            | Conditions to Avoid: NONE.  
Polymerization | Will Not Occur: X    |

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6 -Section VI - Health Hazard Data (Acute and Chronic)

Primary Route(s) of Entry: SKIN.

Oral Ingestion: SLIGHT TOXICITY.

Eye Contact: MAY CAUSE EYE IRRITATION.

Skin Contact: MAY CAUSE IRRITATION AND DERMATITIS WITH PROLONGED CONTACT.

Inhalation: NORMALLY NO PROBLEM WITH THIS MATERIAL.

Effects of Overexposure: MAY CAUSE EYE AND SKIN IRRITATION.

Medical Conditions Generally Aggravated by Exposure: N.D.

Carcinogenicity: NOT KNOWN TO BE CARCINOGENIC

Mutagenicity: NOT KNOWN TO BE MUTAGENIC.

Teratogenicity: NOT KNOWN TO BE TERATOGENIC.

Reproductive Toxicity: NOT KNOWN TO HAVE REPRODUCTIVE TOXICITY.

FIRST AID PROCEDURES

Ingestion: IF INGESTED, DO NOT INDUCE VOMITING. CALL A PHYSICIAN.

Eye: FLUSH WITH WATER FOR 15 MINUTES. CALL A PHYSICIAN.

Skin: WASH WITH SOAP AND WATER.

Inhalation: REMOVE TO FRESH AIR.

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7 -Section VII - Toxicology Information

Ingredient	Inhalation LC50	Oral LD50(RATS)	Dermal LD50(RABBITS)
HYDROTREATED HEAVY NAPHTHENIC DISTILLATE	N.D.	>30 GM/KG	N.D.
HYDROTREATED LIGHT NAPHTHENIC DISTILLATE	N.D.	>5 GM/KG	>3 GM/KG

8 -Section VIII - Spill or Leak Procedure

Steps to be taken in case material is released or spilled:  
WIPE WITH DRY CLOTH, FOLLOW WITH DAMP MOP.

Disposal Method: IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS FOR  
NON-FLAMMABLE OILY REDIDUE.

9 -Section IX - Special Protection Information

Ventilation	Local Exhaust: N.A.	Special: N.A.
	Mechanical(General): ACCEPTABLE.	Other: N.A.

Respiratory Protection: NONE.

Protective Clothing: GLOVES WHERE PROLONGED OR REPEATED CONTACT IS REQUIRED.

Eye Protection: NOT NORMALLY NECESSARY.

Other Protective Equipment: NONE.

10 -Section X - Special Precautions

Precautions to be taken in Handling and Storing:  
SHOULD NOT BE STORED AT TEMPERATURE ABOVE 90(F) DEGREES FOR ANY LENGTH OF TIME

Other Precautions: NONE.

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11 -Section XI - Transportation Information

Hazard Class: N.A.  
DOT Proper Shipping Name: NOT REGULATED.

12 -Section XII - Regulatory Information

CERCLA/SUPERFUND, 40 CFR 117,302: THIS PRODUCT DOES NOT CONTAIN ANY REPORTABLE QUANTITY (RQ) SUBSTANCE.

SARA(TITLE III) - Sections 302, 311, 312, and 313:

Section 302 Extremely Hazardous Substances (40 CFR 355): THIS PRODUCT DOES NOT CONTAIN ANY INGREDIENTS LISTED AS AN EXTREMELY HAZARDOUS SUBSTANCE.

Section 311 and 312 MSDS Submission and Inventory Reporting (40 CFR 370): THIS PRODUCT CONTAINS MATERIALS THAT MAY REQUIRE REPORTING UNDER 311 AND 312.

Section 313 Toxic Chemical Release Reporting (40 CFR 372): THIS PRODUCT DOES NOT CONTAIN ANY INGREDIENTS ON THE LIST OF TOXIC CHEMICALS.

TOXIC SUBSTANCES CONTROL ACT (TSCA):  
This product complies with rules and regulations of TSCA.

California Proposition 65: THIS PRODUCT DOES NOT CONTAIN ANY MATERIALS, THAT ARE CURRENTLY LISTED BY THE STATE OF CALIFORNIA UNDER PROPOSITION 65.

13 -Section XIII - Addition Information

NEW JERSEY AND PENNSYLVANIA RIGHT TO KNOW INFORMATION: WATER(7732-18-5), HYDROTREATED HEAVY NAPHTHENIC(64742-52-5), CARBON BLACK(1333-86-4), SORBITAN MONOOLEATE(1338-43-8), HYDROTREATED LIGHT NAPHTHENIC DISTILLATE(64742-53-6).

N.D. = No Data            N.A. = Not Applicable

The information herein given in good faith but no warranty, express or implied, is made.