

MATERIAL SAFETY DATA SHEET
MSDS for 38414 ITEK PREMIUM PLATE TONER

1 -Section I - Product Identification

Manufacturer's Name: A.B. DICK COMPANY GRAPHIC SYSTEMS DIV. | Emergency Phone Number (24 Hours): (312) 763-1900
 Street Address: 811 JEFFERSON ROAD | MSDS Request Phone Number: 1-800-752-5139, Ext. 2531
 City, State, Zip Code: ROCHESTER, NY 14623 | Date Prepared: January 26, 1994
 Prepared By: Kenneth W. Pinter

Product Use: TONER FOR ELECTROSTATIC OFFSET PRINTING MASTERS

Chemical Name, Trade Name, Synonyms: MIXTURE.

HMIS RATING

2 - Health 2 - Flammability 0 - Reactivity B - Personal Protection

2 -Section II - Hazardous Ingredients

Hazardous Components	CAS NO.	% WT.	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
ISOPARAFFINIC HYDROCARBON	64742-48-9	85-98	NOT ESTABLISHED.	NOT ESTABLISHED.	300PPM
LAURYL METHACRYLATE/VINYL ACETATE/BUTYL ACID MALEATE POLYMER	68214-93-7	0.5-5	NOT ESTABLISHED.	NOT ESTABLISHED.	
ADDITIVE	PROPRIETARY	N.D.	5 mg/M3.	5 mg/M3.	

3 -Section III - Physical Data

Boiling POINT(F): 313-380 | pH: N.A.
 Vapor Pressure(mm Hg): 30-36 | Freezing Point(F): N.A.
 Vapor Density (AIR = 1): 5.0-5.3 | VOC: 6.34 LBS/GAL
 Specific Gravity (H2O=1): 0.74-0.76 | Color And Odor: BLACK / PETROLEUM

MATERIAL SAFETY DATA SHEET
MSDS for 38414 ITEK PREMIUM PLATE TONER

3 -Section III - Physical Data (continued)

Odor Threshold: 50 PPM. | Physical State: LIQUID

Evaporation Rate (Butyl Acetate = 1): 0.1-0.5

Solubility in Water: NEGLIGIBLE.

4 -Section IV - Fire and Explosion Hazard Data

FLASH POINT (METHOD USED): | Flammable Limits:
102-128 (F) T.C.C. | LEL: 0.7% | UEL: 7.0%

Auto-ignition Temperature: 560 (F).

Extinguishing Media: WATER FOG / FOAM / CO2 / DRY CHEMICAL.

Special Fire Fighting Procedures: WATER SPRAY SHOULD BE USED TO COOL FIRE EXPOSED CONTAINERS, AND/OR DISPERSE UNIGNITED VAPORS. USE NIOSH/MSHA APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS WHEN ANY MATERIAL IS INVOLVED IN FIRE.

Unusual Fire And Explosion Hazards: NONE.

5 -Section V - Reactivity Data

Stability Unstable : | Conditions to Avoid:
 Stable : X | SOURCES OF IGNITION. DO NOT SMOKE WHILE USING.

Incompatibility (Materials to Avoid): STRONG OXIDIZING MATERIAL.

Hazardous Decomposition Products: CO / CO2.

Hazardous | May Occur: | Conditions to Avoid:
Polymerization | Will Not Occur: X | SOURCES OF IGNITION.

MATERIAL SAFETY DATA SHEET
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6 -Section VI - Health Hazard Data (Acute and Chronic)

Primary Route(s) of Entry: SKIN AND EYE CONTACT, INHALATION, INGESTION.

Oral Ingestion: MAY CAUSE GASTROENTERITIS WITH ANY OR ALL OF THE FOLLOWING SYMPTOMS: NAUSEA, LIGHT-HEADNESS, DIARRHEA AND VOMITING. ASPIRATION INTO LUNGS MAY CAUSE PULMONARY (LUNG) EDEMA, CONGESTION, PNEUMONITIS AND MAY BE FATAL.

Eye Contact: CONTACT OR HIGH VAPOR CONCENTRATIONS MAY CAUSE SLIGHT REVERSIBLE IRRITATION WITH SYMPTOMS OF TEARING AND ITCHING.

Skin Contact: MAY CAUSE SLIGHT TO MODERATE IRRITATION WITH REDNESS AND DRYING OF THE CONTACTED AREA. PROLONGED OR REPEATED CONTACT MAY RESULT IN DEFATTING OF THE SKIN LEADING TO DERMATITIS.

Inhalation: EXPOSURE AT CONCENTRATIONS GREATER THAN 100 PPM IN MAY CAUSED SLIGHT MUCOUS MEMBRANE IRRITATION. AT HIGHER CONCENTRATIONS, MAY CAUSE HEADACHE, DIZZINESS, AND NAUSEA. INHALATION EXPOSURES IN RATS OF A SIMILAR HYDROCARBON AT CONCENTRATIONS GREATER THAN OR EQUAL TO 300 PPM IN AIR CAUSED MILD KIDNEY EFFECTS AND A LOW GRADE (MILD) ANEMIA. THE SIGNIFICANCE OF THESE EFFECTS FOR HUMAN HEALTH IS QUESTIONABLE.

Effects of Overexposure: SKIN, EYE AND MUCOUS MEMBRANE IRRITATION. MAY CAUSE DIZZINESS, LIGHTHEADNESS, NAUSEA, CNS DEPRESSION. MAY CAUSE DERMATITIS AND MILD KIDNEY AND MILD ANEMIA EFFECTS.

Medical Conditions Generally Aggravated by Exposure | PSORIASIS AND OTHER SKIN DISORDERS.

Carcinogenicity: NOT KNOWN TO BE CARCINOGENIC.

Mutagenicity: NOT KNOWN TO MUTAGENIC.

Teratogenicity: NOT KNOWN TO BE TERATOGENIC.

Reproductive Toxicity: NOT KNOWN TO HAVE REPRODUCTIVE TOXICITY.

FIRST AID PROCEDURES

Ingestion: DO NOT INDUCE VOMITING. IMMEDIATELY DRINK WATER TO DILUTE. CALL A PHYSICIAN.

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

Skin: WASH AFFECTED AREA WITH SOAP AND WATER. IF IRRITATION DEVELOPS CALL A PHYSICIAN.

Inhalation: REMOVE AFFECTED PERSON TO FRESH AIR. CALL A PHYSICIAN.

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MSDS for 38414 ITEK PREMIUM PLATE TONER

7 -Section VII - Toxicology Information

Ingredient	Inhalation LC50	Oral LD50(RATS)	Dermal LD50(RABBITS)
ISOPARAFFINIC HYDROCARBON	500 PPM(4HRS)	5 g/KG	2 g/KG
LAURYL MATHACRYLATE/...	N.D.	N.D.	N.D.
ADDITIVE	N.D.	N.D.	N.D.

8 -Section VIII - Spill or Leak Procedure

Steps to be taken in case material is released or spilled:
REMOVE ALL SOURCES OF IGNITION. WEAR NIOSH/MSHA APPROVED ORGANIC VAPORE RESPIRATORS. FOLLOW OSHA REGULATIONS FOR RESPIRATOR USE. WEAR GOGGLES, COVERALLS, NITRILE GLOVES AND BOOTS. ADD NON-COMBUSTIBLE DRY ABSORBENT. CLEAN-UP AND PLACE IN AN APPROPRIATE CONTAINER.

Disposal Method: DISPOSE OF CONTAMINATED PRODUCT , EMPTY CONTAINERS AND MATERIALS USED IN CLEANING UP SPILLS OR LEAKS IN A MANNER APPROVED FOR THIS MATERIAL. CONSULT APPROPRIATE FEDERAL , STATE AND LOCAL REGULATORY AGENCIES TO DETERMINE PROPER DISPOSAL PROCEDURES.

9 -Section IX - Special Protection Information

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

Respiratory Protection: NOT NORMALLY REQUIRED WHEN USED AS INTENDED.

Protective Clothing: IMPERMEABLE GLOVES.

Eye Protection: SAFETY GLASSES WITH SIDE SHIELDS.

Other Protective Equipment: IMPERMEABLE GLOVES, BOOTS, APRON OR PROTECTIVE SUITS.

10 -Section X - Special Precautions

Precautions to be taken in Handling and Storing: AVOID CONTACT WITH SKIN, EYES OR CLOTHING. DO NOT TAKE INTERNALLY. UPON CONTACT WITH SKIN OR EYES WASH OFF WITH WATER. STORE IN A COOL DRY WELL-VENTILATED PLACE AWAY FROM ALL SOURCES OF IGNITION. AVOID CONTACT WITH STRONG OXIDANTS. AVOID BREATHING MIST OR VAPOR

MATERIAL SAFETY DATA SHEET
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10 -Section X - Special Precautions (continued)

Other Precautions: DO NOT STORE AT TEMPERATURES ABOVE: 102 DEG.F.

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 & 312 IF STORED IN LARGE ENOUGH QUANTITIES.

Section 313 Toxic Chemical Release Reporting (40 CFR 372): THIS PRODUCT DOES NOT CONTAIN ANY INREDIENTS 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 LISTED BY THE STATE OF CALIFORNIA UNDER PROPOSITION 65.

13 -Section XIII - Addition Information

COEFFICIENT WATER/OIL DISTRIBUTION: N.D.
SENSITIVITY TO MECHANICAL IMPACT: NO
SENSITIVITY TO STATIC DISCHARGE: YES

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

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