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Section I - Product Identification |Emergency Phone Number (24 Hours) Manufacturer's Name A.B.DICK COMPANY |CHEMTREC @ (800)424-9300 -----|MSDS Request Phone Number: Street Address |1-800-752-5139, Ext. 2745 7400 CALDWELL AVENUE -----|For MSDS via Fax: 1-800-995-0088 City, State, Zip Code NILES, ILLINOIS 60714 |Date Prepared: March 29, 1995 Product Use: MIMEO PRINTING PROCESS. | Prepared By: Kenneth W. Pinter -----Chemical Name, Trade Name, Synonyms: NONE. 1 - Health 0 - Flammability 0 - Reactivity A - Personal Protection **Section II - Hazardous Ingredients** Exposure Limits | CAS NO. | % WT. | OSHA PEL ACGIH TLV OTHER Components _____ DIOCTYL PHTHALATE (DOP) | 117-81-7 | 20 | 5 mg/M3 5 mg/M3 Section III - Physical Data Boiling POINT(F): N.A. |pH: N.A. Vapor Pressure (mm Hg): N.A. |Freezing Point(F): N.A. Vapor Density (AIR = 1): N.A. |% Volatile By Volume: 0 Specific Gravity (H2O=1): < 1.0 | Color And Odor: GRAY-BLACK / SLIGHT Odor Threshold: N.D. | Physical State: SOLID PLASTIC FILM Evaporation Rate (Butyl Acetate = 1): N.A. Solubility in Water: INSOLUBLE. 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 / FOAM / DRY CHEMICAL. Special Fire Fighting Procedures: AS FOR ANY OTHER SMOKE PRODUCING MATERIAL, WEAR SELF-CONTAINED BREATHING APPARATUS. Unusual Fire And Explosion Hazards: NONE KNOWN. Section V - Reactivity Data Unstable: |Conditions to Avoid: NONE. Stable: X | Stability

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Incompatibility (Material			
	s to Avoid); N.	Α.	
		RBONS, HCL, CO, C	
Hazardous May Occu Polymerization Will Not	Occur: X	nditions to Avoid	
Section VI - Health Haz	ard Data (Acut	e and Chronic)	
Oral Ingestion: NO SERIOU NATURE OF	S PROBLEM, DIFFI MATERIAL.	CULT TO IMAGINE I	NGESTION DUE TO
Eye Contact: DIFFICULT TO	IMAGINE THIS TY	PE OF CONTACT.	
Skin Contact: NO SPESIFIC	HAZARD KNOWN.		
Inhalation: TESTS HAVE BE STENSIL ON AN	ELECTRONIC CUTT	INE THE EMSSION F ER. SEE PRECAUTIO	
Effects of Overexposure:			
 Medical Conditions Genera Aggravated by Exposure	lly N.A.		
Carcinogenicity: DOP HAS		OSHA TO IARC GRO	 UP 2B.
 Mutagenicity: NOT KNOWN T	O BE MUTAGENIC.		
Teratogenicity: NOT KNOWN	TO BE TERATOGEN	 IC.	
Reproductive Toxicity: NO	T KNOWN TO HAVE	REPRODUCTIVE TOXI	CITY.
FIRST AID PROCEDURES			
Ingestion: N.A.			
Eye: N.A.			
Skin: N.A.			
Inhalation: REMOVE TO FR	ESH AIR.		
Section VII - Toxicology	Inhalation	Oral LD50(RATS)	Dermal
Ingredient	LC50	1.115H (RATES)	LD5U(KABBITS)

Section VIII - Spill or Leak Procedure
Steps to be taken in case material is released or spilled: N.A

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Disposal Method: WITH OTHER PAPER WASTE.

Section IX - Special Protection Information

Local Exhaust: MAY BE NEEDED WHEN USED WITH POOR VENTILATION. SPRCIAL: N.A Mechanical(General): ACCEPTABLE. Other: N.A.

Respiratory Protection: NOT NECESSARY.

Protective Clothing: NOT NORMALLY NECESSARY. ______

Eye Protection: NOT NORMALLY NECESSARY.

Other Protective Equipment: NONE.

Section X - Special Precautions

Precautions to be taken in Handling and Storing:

TESTS HAVE BEEN MADE TO DETERMINE THE CONCENTRATION OF VARIOUS AIRBORNE CONTAMINENTS GENERATED DURING THE OPERATION OF AN A.B.DICK MODEL 592 STENCIL MAKER USING A 2360 ELECTRONIC STENCIL. THE AIR WAS SAMPLED FOR CONCENTRATIONS OF HYDROGEN CHLORIDE, PARTICULATE MATTER, BENZENE AND TOULENE VAPORS, VYNLE CHLORIDE, OZONE, AND CARBON MONOXIDE.

Other Precautions: THE CONCENTRATIONS OF ALL CONTAMINENTS WERE BELOW APPLICABLE OSHA PERMISSIBLE EXPOSURE LEVELS (PEL) THE PEL FOR HCL IS 7mg/M3. FOR BENZENE: 30mg/M3. FOR TOULENE: 375mg/M3. FOR VINYL CHLORIDE: 1PPM. FOR OZONE: 0.1PPM. FOR CARBON MONOXIDE: 50PPM. A COPY OF THE TEST REPORT CAN BE OBTAINED FROM A.B.DICK AT THE ADDRESS ON THE FIRST PAGE.

Section XI - Transportation Information

Hazard Class: N.A.

DOT Proper Shipping Name: NOT REGULATED.

Section XII - Regulatory Information

CERCLA/SUPERFUND, 40 CFR 117, 302: N.A.

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

Section 302 Extremely Hazardous Substances (40 CFR 355): N.A.

Section 311 and 312 MSDS Submission and Inventory Reporting (40 CFR 370): N.A.

Section 313 Toxic Chemical Release Reporting (40 CFR 372): N.A.

TOXIC SUBSTANCES CONTROL ACT (TSCA):

This product complies with rules and regulations of TSCA.

California Proposition 65: N.A.

Section XIII - Addition Information

WHILE DOP (ALSO KNOWN AS DEHP) HAS BEEN SHOWN TO PRODUCE LIVER TUMORS IN RATS AND MICE AT VERY HIGH LEVELS, IT HAS BEEN USED FOR MORE THAN 35 YEARS WITH NO OBSERVED EFFECTS ON HUMAN HEALTH. THE CHEMICAL MANUFACTURERS ASSOCIATION BELIEVES THAT THE SCINTIFIC DATA SUGGEST THAT THE TUMOR-CAUSING POTENTIAL OF DOP IS UNIQUE TO RODENTS FED AT HIGH DOSE LEVELS.

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

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

OBSOLETE