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SECTION I

TRADE NAME.....: CB FLEXO INK II
 MSDS NUMBER: CEHS-015
 SYNONYMS: CARBONLESS PAPER IMAGING INK
 MANUFACTURER: APPLETON PAPERS INC
 EMERGENCY PHONE ..: 1-800-424-9300(CHEMTREC) [FROM OUTSIDE USA: 703/527-3887]
 OTHER CALLS: 1-800-922-1723 (TECHNICAL SERVICES)
 ADDRESS: 825 E. WISCONSIN AVENUE
 CITY: APPLETON STATE ..:WI ZIP ..:54912
 MSDS PREPARED BY .: PRODUCT SAFETY DEPARTMENT
 DATE PREPARED: LAST REVISED DATE 06/10/03 (Revised Exposure Limits)

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

INGREDIENT NAME	CAS#	OSHA PEL	ACGIH TLV	OTHER	%
AQUEOUS INK EMULSION (1).	NONE	NE	NE	NE	<75
PROPYLENE GLYCOL (1).....	57-55-6	NE	NE	50ppm	<25
POLYVINYL ALCOHOL (1)....	9002-89-5	NE	NE	NE	<10
STARCH	9005-25-8	15mg/m3	10mg/m3	NE	<10

***** ADDITIONAL INFORMATION *****

(1) NON-HAZARDOUS COMPONENT AS DEFINED BY 29 CFR 1910.1200. LISTED HERE PER NEW JERSEY WORKER AND COMMUNITY RIGHT TO KNOW ACT.

NE = NOT ESTABLISHED

SECTION III - CHEMICAL CHARACTERISTICS

BOILING POINT	MELTING POINT	FREEZING POINT	SPECIFIC GRAVITY (H2O = 1)
>212F	NA	NA	1.0 (APPROX.)

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SECTION III - CHEMICAL CHARACTERISTICS, CONTINUED

<i>PERCENT VOLATILE by VOLUME</i>	<i>THEORETICAL VOC CONTENT (percent of WEIGHT)</i>	<i>WEIGHT PER GALLON</i>	
> 85	< 25% (< 2.1#/gal)	Approx 8.3 lb	

pH (Conc): NA (NA = NOT APPLICABLE)

<i>VAPOR PRESSURE (mm of Hg)</i>	<i>VAPOR DENSITY (Air = 1)</i>	<i>DENSITY</i>	<i>EVAPORATION RATE Basis (BUTYL ACET=1)</i>
NOT DETERMINED	> 1	NA	NOT DETERMINED

SOLUBILITY IN WATER
INFINITE

REACTIVITY IN WATER
NOT REACTIVE

APPEARANCE AND ODOR:
CREAMY LIQUID, GLYCOL-LIKE ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

<i>FLASH POINT</i>	<i>METHOD</i>	<i>FLAMMABLE LIMITS IN AIR (%)</i>		<i>AUTOIGNITION TEMPERATURE</i>
ND	----	UPPER = ND	LOWER = ND	ND

HMIS CODES: (HEALTH/FLAMMABILITY/REACTIVITY/PROTECTION) = 0/1/0/-

EXTINGUISHER MEDIA: WATER FOG, CARBON DIOXIDE, FOAM OR DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: NONE KNOWN TO APPLETON PAPERS

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN TO APPLETON PAPERS

COMBUSTION PRODUCTS: SMOKE; SOOT; CO; CO2

***** ADDITIONAL INFORMATION *****
NE = NOT ESTIMATED
ND = NOT DETERMINED

SECTION V - REACTIVITY DATA

IS THIS CHEMICAL STABLE UNDER NORMAL CONDITIONS OF HANDLING/STORAGE (Y/N)? Y

CONDITIONS TO AVOID (REGARDING STABILITY): NONE

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN TO APPLETON PAPERS

HAZARDOUS POLYMERIZATION POSSIBLE (Y/N) ? N

CONDITIONS TO AVOID (REGARDING POLYMERIZATION): NONE KNOWN TO APPLETON PAPERS

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SECTION VI - HEALTH HAZARDS

ROUTES OF ENTRY: SKIN ABSORPTION (INHALATION AND/OR INGESTION UNLIKELY)

SIGNS AND SYMPTOMS OF ACUTE OVEREXPOSURE:

SKIN REDDENING AND/OR IRRITATION MAY OCCUR ON REPEATED OR PROLONGED EXPOSURE;
EYE IRRITATION.

CHRONIC OVEREXPOSURE:

CHRONIC EFFECTS NOT DETERMINED.

CHEMICAL LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN

NATIONAL TOXICOLOGY PROGRAM

IARC MONOGRAPHS

OSHA

(Y/N): N

(Y/N): N

(Y/N): N

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

NONE KNOWN TO APPLETON PAPERS

***** EMERGENCY AND FIRST AID PROCEDURES *****

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* EMERGENCY PHONE NUMBER OF MANUFACTURER: 1-800-424-9300(CHEMTREC) *
*
* INHALATION: NOT APPLICBLE. *
*
* EYE CONTACT: IN CASE OF EYE CONTACT, IMMEDIATELY FLUSH WITH PLENTY OF *
* CLEAN RUNNING WATER. *
*
* SKIN CONTACT: IN CASE OF SKIN CONTACT, FLUSH WITH CLEAN WATER. WASH *
* WITH SOAP AND WATER. *
*
* INGESTION: IF INGESTED, DO NOT INDUCE VOMITING. DRINK A LARGE AMOUNT *
* OF WATER OR MILK AND CALL A PHYSICIAN. *

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

HAZARD CLASS*: NONE

HAZARD CLASS**: NA

US DOT ID NUMBER . . . : NONE

US DOT ID NUMBER . . . : NA

UN/NA NUMBER: NONE

UN/NA NUMBER: NA

WHMIS CLASS/DIVISION: NONE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

DO NOT STORE IN THE PRESENCE OF HEAT. KEEP CONTAINER CLOSED WHEN NOT IN USE.
PROTECT FROM FREEZING.

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE, CONTINUED

OTHER PRECAUTIONS: NONE KNOWN TO APPLETON PAPERS.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

PICK UP SPILLED MATERIAL AND CONTAINERIZE FOR SUBSEQUENT DISPOSAL. FLUSH AREA WITH WATER TO REMOVE PRODUCT RESIDUE, DIRECTING FLUSHATE TO THE SEWER.

WASTE DISPOSAL METHODS:

THIS PRODUCT, IF DISPOSED AS SHIPPED, IS NOT A HAZARDOUS WASTE AS SPECIFIED IN 40 CFR 261. DISPOSE OF IN ACCORDANCE WITH APPLICABLE STATE OR COMMUNITY REGULATIONS.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION:

NOT REQUIRED IN NORMAL USE

VENTILATION REQUIREMENTS:

NOT REQUIRED IN NORMAL USE

LOCAL EXHAUST:

NOT REQUIRED

MECHANICAL:

SATISFACTORY

SPECIAL:

NOT REQUIRED UNDER NORMAL USE CONDITIONS

OTHER:

NOT APPLICABLE

PROTECTIVE GLOVES:

NOT REQUIRED IN NORMAL USE

EYE PROTECTION:

NOT REQUIRED IN NORMAL USE

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

NONE REQUIRED IN NORMAL USE

WORK/HYGIENIC PRACTICES:

KEEP WORK AREA CLEAN. AVOID UNNECESSARY CONTACT WITH OR EXPOSURE TO PRODUCT

HMIS HAZARD RATING:

- 0 = HEALTH
- 1 = FLAMMABILITY
- 0 = REACTIVITY
- = PERSONAL PROTECTIVE EQUIPMENT