

INKTECH INTERNATIONAL CORP.  
160 Fenmar Drive  
Toronto, Ontario M9L 1M6

## MATERIAL SAFETY DATA SHEET

### SECTION I - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: FV-0900, 0910, 0920, 0940, 0950, 0960, 0970, 0980, 0990.

PRODUCT USE: SCREEN PRINTING INK

EMERGENCY TELEPHONE NO: (613)996-6666

### SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD50 OF INGREDIENT (SPECIFY SPECIES & ROUTE)	LC50 (SPECIFY SPECIES)
GAMMA BUTYROLACTONE	5-10	96-48-0	ORAL, RAT 1580	
N-METHYL-2-PYRROLIDONE	1-5	872-50-4	ORAL, RAT 4200	
DI-(2-ETHYLHEXYL)PHTHALATE	1-5	117-81-7	ORAL, RAT 30000	
2-BUTOXYETHYL ACETATE	10-30	112-07-02	ORAL, RAT 2400	
CYCLOHEXANONE	7-13	108-94-1	ORAL, RAT 1535	RABBIT 8000
1-METHOXY-2-PROPANOL ACETATE	10-30	108-65-6	ORAL, RAT 8532	

### SECTION III - PHYSICAL DATA

PHYSICAL STATE LIQUID	ODOR AND APPEARANCE VARIOUS COLORS, SHARP ODOR	ODOR THRESHOLD (PPM) NOT AVAILABLE	
VAPOR PRESSURE (mmHg) NOT AVAILABLE	VAPOR DENSITY (Air = 1) 4.3	EVAPORATION RATE 1.0	BOILING PT (°C) 156-203
FREEZING PT. (°C) NOT AVAILABLE	SPECIFIC GRAVITY 1.06-1.10	COEFFI. WATER/ OIL DIST. NOT AVAILABLE	PH NOT AVAILABLE

### SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY  
YES  NO  IF YES, UNDER WHICH CONDITION? • DIVISION 3. AVOID EXCESSIVE HEAT, SPARKS, AND OPEN FLAMES.

MEANS OF EXTINCTION: WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE

FLASH PT (°C) 55 (C.C.)	UPPER FLAMMABLE LIMIT (% By Volume) 7.0	LOWER FLAMMABLE LIMIT (% By Volume) 0.9
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AUTOIGNITION TEMP. (°C) NOT AVAILABLE	HAZARDOUS COMBUSTION PRODUCTS CARBON DIOXIDE, CARBON MONOXIDE
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EXPLOSION DATA •	SENSITIVITY TO IMPACT NOT AVAILABLE	SENSITIVITY TO STATIC DISCHARGE NOT AVAILABLE
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### SECTION V - REACTIVITY DATA

CHEMICAL STABILITY  
YES  NO  IF NO, UNDER WHICH CONDITIONS?

INCOMPATIBILITY WITH OTHER SUBSTANCES  
YES  NO  IF SO, WHICH ONES? STRONG OXIDIZERS

REACTIVITY, AND UNDER WHAT CONDITIONS? EXCESSIVE HEAT, SPARKS AND OTHER SOURCES OF IGNITION.

HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION-CARBON DIOXIDE AND MONOXIDE

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## SECTION VI - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY

SKIN CONTACT  SKIN ABSORPTION  EYE CONTACT  INHALATION  INGESTION

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: AVOID PROLONGED AND REPEATED CONTACT WITH SKIN AND EYES.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT : NONE KNOWN

EXPOSURE LIMITS  
NOT AVAILABLE

IRRITANCY OF PRODUCT  
SEE ACUTE EXPOSURE

SENSITIZATION TO PRODUCTS  
NONE KNOWN

CARCINOGENICITY  
NO

TERATOGENICITY  
NONE KNOWN

REPRODUCTIVE TOXICITY  
NONE KNOWN

MUTAGENICITY  
NONE KNOWN

SYNERGISTIC PRODUCTS  
NONE KNOWN

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## SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVE (SPECIFY)  
NEOPRENE

RESPIRATOR (SPECIFY)

EYE (SPECIFY)  
CHEMICAL SPLASH GOGGLES

FOOTWEAR (SPECIFY)

CLOTHING (SPECIFY)  
CHEMICAL RESISTANT APRON

OTHERS (SPECIFY)

ENGINEERING CONTROLS (SPECIFY, E.G.:VENTILATION, ENCLOSED PROCESS)  
LOCAL EXHAUST AND GENERAL EXHAUST AS REQUIRED

LEAK AND SPILL PROCEDURE:

CONTAIN DISCHARGE BY CONSTRUCTING BARRIERS (E.G. SAW DUST, INDUSTRIAL SWEEPING COMPOUND).

WASTE DISPOSAL :

DISPOSE OF WASTE ONLY ON APPROVED TREATMENT FACILITY.

HANDLING PROCEDURES AND EQUIPMENT:

GROUND AND BOND ALL EQUIPMENT AND CONTAINERS. USE SPARK RESISTANT TOOLS. SMOKING OR EATING SHOULD NOT BE ALLOWED BEFORE WASHING HANDS.

STORAGE EQUIPMENT:

STORE IN COOL, VENTILATED AREA. KEEP AWAY FROM HEAT, SPARKS, AND OTHER SOURCES OF IGNITION.

SPECIAL SHIPPING INFORMATION:

REFER TO LOCAL OR FEDERAL REGULATION

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## SECTION VIII - FIRST AID MEASURES

SPECIFIC MEASURES:

EYE: WASH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL AID.

SKIN: IMMEDIATELY WASH THE AFFECTED AREAS WITH PLENTY OF SOAP AND WATER. GET MEDICAL AID IF SYMPTOMS PERSIST. REMOVE CONTAMINATED CLOTHING.

INGESTION: GIVE TWO GLASSES OF WATER TO DRINK IF PATIENT IS CONSCIOUS. DO NOT INDUCE VOMITING. GET MEDICAL AID IMMEDIATELY.

INHALATION: MOVE PATIENT TO FRESH AIR. RESTORE BREATHING IF NECESSARY. KEEP PATIENT WARM AND QUIET AND GET MEDICAL AID.

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## SECTION IX - PREPARATION DATE OF MSDS

PREPARED BY:  
TECHNICAL DEPARTMENT

PHONE NUMBER  
(416) 743-4111

DATE:  
1/15/2008

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