

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

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: AM-1010, 1020, 1040, 1050, 1060, 1140, 1220, 1240, 1250, 1300, 1320, 1340, 1420, 1450, 1480, 2250, 2350.

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	
LEAD CHROMATE	10-30	7758-97-6	ORAL, RAT 5000	
LEAD SULPHATE	1-5	7746-14-2	ORAL, RAT 2000	

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 1.06-1.36	COEFFI. WATER/ OIL DIST. NOT AVAILABLE	PH NOT AVAILABLE

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY
YES g 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 g NO IF NO, UNDER WHICH CONDITIONS?

INCOMPATIBILITY WITH OTHER SUBSTANCES
YES g 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 : LEAD IS LISTED BY ACGIH AS A SUSPECTED CARCINOGEN.

EXPOSURE LIMITS NOT AVAILABLE	IRRITANCY OF PRODUCT SEE ACUTE EXPOSURE	SENSITIZATION TO PRODUCTS NONE KNOWN	CARCINOGENICITY SEE ABOVE
TERATOGENICITY NONE KNOWN	REPRODUCTIVE TOXICITY NONE KNOWN	MUTAGENICITY NONE KNOWN	SYNERGISTIC PRODUCTS NONE KNOWN

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 AT 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

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.

SECTION IX - PREPARATION DATE OF MSDS

PREPARED BY:
TECHNICAL DEPARTMENT

PHONE NUMBER
(416) 743-4111

DATE:
1/15/2008
