

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

## MATERIAL SAFETY DATA SHEET

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### SECTION I - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: GLL-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

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### SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD50 OF INGREDIENT (SPECIFY SPECIES & ROUTE)	LC50 (SPECIFY SPECIES)
2-BUTOXYETHANOL	30-60	111-76-2	ORAL, RAT 530	RAT 450
PETROLEUM DISTILLATE	7-13	64741-68-0	ORAL, RAT 8000	RAT 8300
NITROCELLULOSE SOLUTION	10-30	9004-70-0	NOT AVAILABLE	NOT AVAILABLE
LEAD CHROMATE	10-30	7758-97-6	ORAL, RAT 2000	NOT AVAILABLE

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### SECTION III - PHYSICAL DATA

PHYSICAL STATE LIQUID	ODOR AND APPEARANCE VARIOUS COLORS, MILD ODOR	ODOR THRESHOLD (PPM) NOT AVAILABLE	
VAPOR PRESSURE (mmHg) NOT AVAILABLE	VAPOR DENSITY (Air = 1) 3.78	EVAPORATION RATE NOT AVAILABLE	BOILING PT (°C) 83-108
FREEZING PT. (°C) NOT AVAILABLE	SPECIFIC GRAVITY 0.99 - 1.28	COEFFI. WATER/ OIL DIST. NOT AVAILABLE	PH NOT AVAILABLE

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### SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY

YES  NO  IF YES, UNDER WHICH CONDITION? • DIVISION 2. AVOID EXCESSIVE HEAT, SPARKS, AND OPEN FLAMES.

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

FLASH PT (°C) 42 (C.C.)	UPPER FLAMMABLE LIMIT (% By Volume) 10.5	LOWER FLAMMABLE LIMIT (% By Volume) 1.2
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AUTOIGNITION TEMP. (°C)  
NOT AVAILABLE

HAZARDOUS COMBUSTION PRODUCTS  
CARBON DIOXIDE, CARBON MONOXIDE, NITROUS OXIDE

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, IGNITION SOURCES.

HAZARDOUS DECOMPOSTION PRODUCTS: NONE KNOWN

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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 REPEATED OR PROLONGED 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

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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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