

**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: GLE-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)
PETROLEUM DISTILLATE	15-40	64742-47-8	ORAL, RAT 6000	RAT 1400 PPM/4H
CHROMIUM, LEAD	10-30	7758-97-6	ORAL, RAT >5000	

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### 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) NOT AVAILABLE	EVAPORATION RATE NOT AVAILABLE	BOILING PT (°C) 150-221
FREEZING PT. (°C) NOT AVAILABLE	SPECIFIC GRAVITY 0.93 - 1.50	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 3. AVOID EXCESSIVE HEAT, SPARKS, AND OPEN FLAMES.

MEANS OF EXTINGUISHMENT: WATER SPRAY, DRY CHEMICAL, ETC.

FLASH PT (°C) 50 (C.C.)	UPPER FLAMMABLE LIMIT (% By Volume) 6.00	LOWER FLAMMABLE LIMIT (% By Volume) 1.10
AUTOIGNITION TEMP. (°C) 227	HAZARDOUS COMBUSTION PRODUCTS CARBON DIOXIDE, CARBON MONOXIDE	
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?

REACTIVITY, AND UNDER WHAT CONDITIONS? STRONG ACIDS

HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION-CARBON DIOXIDE AND MONOXIDE

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## SECTION VI - TOXICOLOGICAL PROPERTIES

### ROUTE OF ENTRY

SKIN CONTACT<sub>g</sub> SKIN ABSORPTION<sub>g</sub> EYE CONTACT<sub>g</sub> INHALATION<sub>g</sub> INGESTION<sub>g</sub>

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: SEE BELOW

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT : LEAD IS LISTED BY ACGIH AS A SUSPECTED CARCINOGEN

EXPOSURE LIMITS NOT AVAILABLE	IRRITANCY OF PRODUCT AVOID CONTACT WITH SKIN & EYES	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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