

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

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

PRODUCT NAME: **BF-1800 THINNER**

PRODUCT USE: UV INK VISCOSITY REDUCER

EMERGENCY TELEPHONE NO: (613)996-6666

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS NUMBER	LD50 OF INGREDIENT (SPECIFY SPECIES & ROUTE)	LC50 (SPECIFY SPECIES)
ACRYLATE ESTER	100	48145-04-8		

SECTION III - PHYSICAL DATA

PHYSICAL STATE LIQUID	ODOUR AND APPEARANCE CLEAR LIQUID WITH MILD ODOUR	ODOUR THRESHOLD (PPM) NOT AVAILABLE	
VAPOUR PRESSURE (mmHg) < 1	VAPOUR DENSITY (Air = 1) HEAVIER THAN AIR	EVAPORATION RATE	BOILING PT (°C) > 150
FREEZING PT. (°C) NOT AVAILABLE	SPECIFIC GRAVITY 1.0	COEFFI. WATER/ OIL DIST. NOT AVAILABLE	PH NOT AVAILABLE

SECTION IV - FIRE AND EXPLOSION DATA

FLAMMABILITY

YES NO IF YES, UNDER WHICH CONDITION? • OSHA CLASS 111B

MEANS OF EXTINCTION: CLASS B FIRE EXTINGUISHERS, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG.

FLASH PT (°C) AND METHOD > 93.3°C (200°F) CLOSE CUP	UPPER FLAMMABLE LIMIT (% By Volume) UNKNOWN	LOWER FLAMMABLE LIMIT (% By Volume) UNKNOWN
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AUTOIGNITION TEMP. (°C) UNKNOWN	HAZARDOUS COMBUSTION PRODUCTS OXIDES OF NITROGEN
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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? THIS MATERIAL IS POTENTIALLY UNSTABLE AND HAZARD POLYMERIZATION MAY OCCUR IF EXPOSED TO MATERIALS AND CONDITIONS TO BE AVOIDED.

INCOMPATIBILITY WITH OTHER SUBSTANCES

YES NO IF SO, WHICH ONES? STRONG ACIDS, OXIDIZERS, ALKALI METAL HYDROXIDES, POLYMERIZATION INITIATORS, PEROXIDES, INERT GASES, PRIMARY AND SECONDARY AMINES.

REACTIVITY, AND UNDER WHAT CONDITIONS? NONE KNOWN

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE, MIXED OXIDES OF NITROGEN, SULFUR AND METHACRYLATE MONOMERS.

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SECTION VI - TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY

SKIN CONTACT _g SKIN ABSORPTION _g EYE CONTACT _g INHALATION _g INGESTION _g

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: MAY CAUSE IRRITATION OF MOUTH, THROAT, AND STOMACH IF SWALLOWED. EYE CONTACT MAY CAUSE MODERATE IRRITATION. SKIN CONTACT-SEVERE IRRITATION.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT : MAY CAUSE SKIN SENSITIZATION, DERMATITIS

EXPOSURE LIMITS IRRITANCY OF PRODUCT SENSITIZATION TO PRODUCTS CARCINOGENICITY
NOT AVAILABLE MAY CAUSE SEVERE SKIN IRRITATION CAN BE SENSITIZING AMES TEST-NEGATIVE

TERATOGENICITY REPRODUCTIVE TOXICITY MUTAGENICITY SYNERGISTIC PRODUCTS
NONE KNOWN NONE KNOWN NONE KNOWN NONE KNOWN

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVE (SPECIFY) RESPIRATOR (SPECIFY) EYE (SPECIFY)
NEOPRENE CHEMICAL SPLASH GOGGLES

FOOTWEAR (SPECIFY) CLOTHING (SPECIFY) OTHERS (SPECIFY)
 CHEMICAL RESISTANT APRON

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

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
1/2/2008
