



MATERIAL SAFETY DATA SHEET

DATE PREPARED: 10/18/06

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SECTION I: IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT NAME: PIN 30 SERIES BLACK INK
 MSDS: #1761
 PHONE NUMBER: 1-888-317-8266
 EMERGENCY CONTACT: For Emergency Use Only: CHEMTREC 1-800-424-9300, Int'l 703-527-3887

SECTION II: COMPOSITION, INFORMATION ON INGREDIENTS

INGREDIENT (CAS No.)	%RANGE	PEL/TLV	TOXICOLOGICAL DATA
Water soluble dyestuffs	3-7	None Est.	
Diethylene glycol monobutyl ether (112-34-5)	5-15	None Est.	
Water (7732-18-5)	68-90	None Est	

SECTION III: HEALTH HAZARDS

Routes of Entry
 INHALATION: No SKIN ABSORPTION: Yes INGESTION: Yes EYES: Yes
EFFECTS OF ACUTE EXPOSURE:
 Skin: May cause irritation and skin staining due to dye salts.
 Eyes: Contact may cause irritation.
 Inhalation: Inhalation of vapors will not result in respiratory irritation.
 Ingestion: May result in gastric disturbance.
 HMIS: HEALTH 1, FLAMMABILITY 0, REACTIVITY 0
EFFECTS OF CHRONIC EXPOSURE: None expected based on employee history of exposure.

SECTION IV: FIRST AID PROCEDURES

Eye Contact: Flush with water 15 minutes minimum. If irritation persists, get prompt medical attention.
 Skin Contact: Remove contaminated clothing and wash skin thoroughly with soap and water.
 Inhalation: Remove person to fresh air. Aid breathing if necessary and get medical attention. Inhalation is unlikely to be a route of entry.
 Ingestion: If swallowed, dilute with water. Get medical attention.

SECTION V: FIRE DATA & FIRE FIGHTING MEASURES

FLAMMABLE LIMITS: LEL: Not Applicable UEL: Not Applicable
 FLASH POINT (Tag Closed cup): Not Flammable
 EXTINGUISHING MEDIA: Use media proper to primary cause of fire.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.
 HAZARDOUS COMBUSTION PRODUCTS: Carbon Monoxide
 NFPA: HEALTH 1, FLAMMABILITY 0, REACTIVITY 0

SECTION VI: ACCIDENTAL RELEASE MEASURES

Personal Protective Equipment: Organic vapor respirator, if hot vapors are generated.
 Rubber gloves and goggles to avoid prolonged contact.
 Wipe up spills with towels or cloths. Remove stains with soapy water.

SECTION VII: HANDLING AND STORAGE

Special Handling Procedures and Equipment: None
 Storage: No special requirements

