

MATERIAL SAFETY DATA SHEET
MILLENNIUM MARKING COMPANY
 2600 GREENLEAF AVE.
 ELK GROVE VILLAGE, IL 60007
EMERGENCY PHONE: 800-255-3924
 PHONE : 815-268-7201
 FAX: 800-545-7084
 REVISION DATE: 05/01/00
STAMP PAD INK

HEALTH:	1	CODE: 0=MINIMAL
FLAMMABILITY:	1	1=SLIGHT
REACTIVITY:	0	2=MODERATE
PERSONAL PROTECTION:	B	3=SERIOUS
		4=SEVERE

SECTION 2: HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT	ACGIH-TLV	OSHA-PEL	CAS NO
DIETHYLENE GLYCOL	6.00	1000 PPM	1000 PPM	111-46-6
ETHYLENE GLYCOL*	25.00	50 PPM	50 PPM	107-21-1

*THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA TITLE III, SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT OF 1986 AND OF CFR 372 THIS PRODUCT IS IN COMPLIANCE WITH THE EPA TSCA INVENTORY.

SECTION 3: PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: 212 F
 MELTING POINT: 32 F
 VAPOR DENSITY: 4.15
 SPECIFIC GRAVITY: 1.0211
 REACTIVITY IN WATER: NONE
 SOLUBILITY IN WATER: COMPLETE
 AUTO IGNITION: 444 F
 VAPOR PRESSURE: <1 MM HG
 APPEARANCE & ODOR: MOBILE LIQUID, NO ODOR
 APPEARANCE & ODOR: VOC: 10.96 GMS/L
 LEL / UEL %: 1.7 15.3
 FLASH POINT: 232 F
 METHOD: CLOSED CUP

SECTION 4: FIRE & EXPLOSION DATA

EXTINGUISHING MEDIA: WATERSPRAY
 EXTINGUISHING MEDIA: CARBON DIOXIDE
 EXTINGUISHING MEDIA: DRY CHEMICAL
 EXTINGUISHING MEDIA: ALCOHOL RESISTANT FOAM
 EXTINGUISHING MEDIA: WATER IN INK WILL STOP FIRE AFTER FLASH

SPECIAL FIRE PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS
SPECIAL FIRE PROCEDURES: WEAR PROTECTIVE CLOTHING
SPECIAL FIRE PROCEDURES: USE WATERSPRAY TO COOL FIRE-EXPOSED AREA
SPECIAL FIRE PROCEDURES: USE WATERSPRAY TO PROTECT PERSONNEL
UNUSUAL HAZARDS: WATER ON FIRE MAY CAUSE FROTHING
UNUSUAL HAZARDS: FIRE SHOULD GO OUT DUE TO WATER IN INK

SECTION 5: REACTIVITY DATA

STABLE: YES
CONDITIONS TO AVOID: EXTREMELY HIGH TEMPERATURES
INCOMPATIBILITY: STRONG OXIDANTS; ACIDS
HAZARDOUS DECOMPOSITION: BURNING MAY PRODUCE CO AND CO₂
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: NONE

SECTION 6: HEALTH HAZARDS

ACUTE: EYE IRRITATION
CHRONIC: SKIN AND RESPIRATORY IRRITATION
CHRONIC: LIVER & KIDNEY DAMAGE FROM BREATHING
SIGNS & SYMPTOMS OF EXPOSURE: DEPRESSION, NAUSEA, VOMITING
SIGNS & SYMPTOMS OF EXPOSURE: DISCOMFORT IN THE EYE
SIGNS & SYMPTOMS OF EXPOSURE: SKIN AND RESPIRATORY IRRITATION
SIGNS & SYMPTOMS OF EXPOSURE: BLURRED VISION
MEDICAL CONDITIONS AGGRAVATED: RESPIRATORY DISORDER
MEDICAL CONDITIONS AGGRAVATED: EYE CONDITION
MEDICAL CONDITIONS AGGRAVATED: SKIN CONDITION
MEDICAL CONDITIONS AGGRAVATED: HEADACHE
IS CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN?
NATIONAL TOXICOLOGY PROGRAM: NO
IARC MONOGRAPHS: NO
OSHA: NO
FIRST AID FOR INHALATION: REMOVE TO FRESH AIR
FIRST AID FOR EYES: FLUSH WITH WATER FOR SEVERAL MINUTES
FIRST AID FOR SKIN: WASH WITH SOAP AND WATER
FIRST AID FOR INGESTION: GIVE TWO GLASSES OF WATER
FIRST AID FOR INGESTION: INDUCE VOMITING; CALL DOCTOR
ROUTES OF ENTRY FOR INHALATION: AVOID PROLONGED BREATHING OF VAPORS
ROUTES OF ENTRY FOR EYES: AVOID EYE CONTACT
ROUTES OF ENTRY FOR SKIN: AVOID PROLONGED SKIN CONTACT
ROUTES OF ENTRY FOR INGESTION: DO NOT TAKE INTERNALLY

SECTION 7: SPECIAL PRECAUTIONS & SPILL / LEAK PROCEDURES

HANDLING & STORAGE: KEEP CONTAINER CLOSED WHEN NOT IN USE
HANDLING & STORAGE: USE WITH ADEQUATE VENTILATION
HANDLING & STORAGE: AVOID PROLONGED BREATHING OF VAPORS
HANDLING & STORAGE: DO NOT SWALLOW
STEPS IF SPILLED: CONTAIN SPILL WITH AN ABSORBENT
STEPS IF SPILLED: FLUSH WITH WATER
STEPS IF SPILLED: COLLECT FOR DISPOSAL
STEPS IF SPILLED: DO NOT ALLOW SPILL TO ENTER WATERWAYS

WASTE DISPOSAL: INCINERATE IN CHEMICAL FURNACE
WASTE DISPOSAL: MUST CONF@RM TO LOCAL, STATE & FEDERAL REGULATIONS

SECTION 8: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: GENERAL ROOM VENTILATION IS ADEQUATE
VENTILATION: SHOULD BE EQUAL TO OUTDOORS
LOCAL EXHAUST: N/A
MECHANICAL: N/A
SPECIAL: NONE
PROTECTIVE GLOVES: CHEMICAL IMPERVIOUS
EYE PROTECTION: SPLASH GLASSES
OTHER PROTECTION: EYE BATH
WORK / HYGIENIC PRACTICES: THIS PRODUCT IS INK AND SHOULD BE TREATED AS SUCH

SPECIAL MESSAGE SECTION

THE HAZARDS LISTED ON THIS MSDS ARE TAKEN FROM THE MSDS FOR EACH OF THE INGREDIENTS IN THIS MIXTURE. IN MOST CASES, THE MAXIMUM FORM OF HAZARD IS REPRESENTED HERE. THE TLV'S REPRESENT THE CONDITIONS UNDER WHICH IT IS BELIEVED THAT NEARLY ALL WORKERS MAY BE REPEATEDLY EXPOSED DAY AFTER DAY WITHOUT ADVERSE EFFECT. IT MUST BE REMEMBERED THAT EACH INDIVIDUAL REACTS DIFFERENTLY AND SOME MAY EXPERIENCE DISCOMFORT WHILE OTHERS DO NOT. THIS MSDS IS PRESENTED SO THAT EACH INDIVIDUAL WILL HAVE THE INFORMATION TO DEAL SAFELY WITH THE USE OF THIS PRODUCT. ALL MATERIALS TSCA LISTED.

DISCLAIMER SECTION

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