

**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**

*Miller*

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 CONFORM TO LOCAL, STATE & FEDERAL REGULATIONS

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#### 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

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#### 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.

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