

MATERIAL SAFETY DATA SHEET

23 MAR 2000

MSDS ID# U.V. SECURITY MARKER INK 57-52-E1

PRODUCT NAME: U.V. SECURITY MARKER INK 57-52-E1

PART #: 57-52-E1

SECTION I SUPPLIER INFORMATION

COMMON NAME: U.V. SECURITY MARKER INK

CHEMICAL NAME: N/A

FORMULA/CAS: N/A

SUPPLIER: BLACKLIGHT WORLD

ADDRESS: PO BOX 26

CITY, STATE, ZIP: CUB RUN, KY 42729

*****EMERGENCY PHONE:*****

US: (800)255-3924 INT'L: (813)248-0585

DATE ISSUED: 02-02-99 DATE ENTERED: 02-02-99

DATE REVISED: 11-30-99

SECTION II INGREDIENT INFORMATION

PROPYLENE GLYCOL MONO ETHYL ETHER CAS# 107-98-2

PEL OSHA: NOT ESTABLISHED TLV-ACGIH: NOT ESTABLISHED

ETHANOL CAS#: 111-90-0

PEL OSHA: NOT ESTABLISHED TLV-ACGIH: NOT ESTABLISHED

ETHYLENE GLYCOL MONOPROPYLETHYER CAS#: 2807-30-9

PEL OSHA: NOT ESTABLISHED TLV-ACGIH: NOT ESTABLISHED

*****INGREDIENT HAZARD STATEMENT*****

WARNING: THIS PRODUCT IS IDENTIFIED AS A HAZARDOUS CHEMICAL UNDER THE OSHA HAZARDOUS COMMUNICATIONS STANDARD, (29 CFR 1910.1200) DUE TO THE PRESENCE OF THE INGREDIENT(S) CITED ABOVE.

THIS PRODUCT IS REPORTABLE UNDER THE S.A.R.A. ACT OF 1986, TITLE III, SEC. 313 (40 CFR PART 372) DUE TO THE PRESENCE OF THE INGREDIENT(S) CITED ABOVE.

THIS PRODUCT DOES NOT CONTAIN ANY KNOWN CHEMICAL REPORTABLE UNDER THE CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT OF 1986. (CA PROP 65).

ALL INGREDIENTS MEET TSCA REQUIREMENTS

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT : 350F

SPECIFIC GRAVITY (H2O = 1) : 0.960

MELTING POINT : NOT ESTABLISHED

VAPOR PRESSURE (mm HG) : NOT ESTABLISHED

VAPOR DENSITY (AIR = 1) : NOT ESTABLISHED

EVAPORATION RATE (BUTYL ACETATE=1) : LESS THAN 1

SOLUBILITY/WATER : COMPLETE

***** APPEARANCE AND ODOR*****

AMBER LIQUID WITH SLIGHT ETHEREAL ODOR

***** ADDITIONAL INFORMATION*****

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : 205°F (96°C) TOC

AUTO IGNITION : NOT ESTABLISHED

LEL : NOT ESTABLISHED

UEL : NOT ESTABLISHED

*****NFPA HAZARD CLASSIFICATION*****

FLAMMABLE: 0 HEALTH: 1 REACTIVITY: 0 SPECIAL: 0

*****SPECIAL FIRE FIGHTING PROCEDURES*****

NONE KNOWN

*****UNUSUAL FIRE FIGHTING PROCEDURES*****

NONE KNOWN

SECTION V REACTIVITY DATA

STABILITY : PRODUCT IS STABLE

AVOID : NONE

*****INCOMPATIBILITY (MATERIALS TO AVOID)*****

STRONG OXIDIZING AGENTS

*****HAZARDOUS DECOMPOSITION OR BY-PRODUCTS*****

NONE KNOWN

POLYMERIZATION: POLYMERIZATION WILL NOT OCCUR

AVOID : NONE

SECTION VI HEALTH HAZARD DATA

*****ROUTES OF ENTRY*****

INHALATION :NO

SKIN :YES

INGESTION :YES

EYES :YES

*****ADDITIONAL INFORMATION*****

CONTACT PERSON : BRUCE GINDELBERGER

VICE PRESIDENT R&D

*****CARCINOGENICITY*****

NTP: NO IARC: NO OSHA: NO

*****ACUTE AND CHRONIC HEALTH HAZARDS*****

MAY CAUSE SKIN OR EYE IRRITATION

*****SIGNS AND SYMPTOMS OF EXPOSURE*****

INK MAY CAUSE SKIN TO STAIN. MAY CAUSE SKIN OR EYE IRRITATION.

*****MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE*****

NONE KNOWN

*****EMERGENCY AND FIRST AID PROCEDURES*****

INHALATION: REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION AS NEEDED.

EYES: IMMEDIATELY FLUSH WITH WATER CONTINUOUSLY FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION AS NEEDED.

SKIN: WASH WITH SOAP AND WATER. SEEK MEDICAL ATTENTION AS NEEDED FOR HYPERSENSITIVITY.

INGESTION: DO NOT INDUCE VOMITING. CALL PHYSICIAN AND SEEK MEDICAL ATTENTION PROMPTLY. TREAT FOR THE PRESENCE OF INGREDIENT(S) CITED IN SECTION II.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

DOT CLASSIFICATION: NOT REGULATED BY DOT

*****STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED*****

SOAK UP SPILL WITH INERT MATERIAL SUCH AS; VERMICULITE, DRY CLAY ABSORBENT OR CHEMSORB. WIPE UP SMALL SPILLS WITH A CLOTH OR TOWEL. PREVENT RUN-OFF FROM ENTERING DRAINS, SEWERS.

*****WASTE DISPOSAL*****

WASTE DISPOSAL SHOULD BE IN ACCORDANCE WITH EXISTING FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS

*****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE*****

STORE IN COOL, DRY AREA. AVOID FREEZING, SPARKS AND OPEN FLAMES. KEEP CONTAINER CLOSED WHEN NOT IN USE.

*****OTHER PRECAUTIONS*****

AVOID PROLONGED CONTACT WITH SKIN.

SECTION VIII CONTROL MEASURES

*****RESPIRATORY PROTECTION*****

NONE REQUIRED

*****VENTILATION*****

LOCAL EXHAUST : AS NEEDED

SPECIAL EXHAUST : NONE

MECHANICAL EXHAUST : NONE

*****OTHER PROTECTION*****

NONE

GLOVES : CHEMICAL RESISTANT

EYE PROTECTION : CHEMICAL SAFETY GOGGLES

*****CLOTHING*****

IMPERMEABLE APRON TO PREVENT THE STAINING OF CLOTHES.

*****WORK/HYGIENE PRACTICES*****

ALWAYS WASH THOROUGHLY AFTER HANDLING PRODUCT AND BEFORE EATING, DRINKING,
SMOKING OR USING THE RESTROOM.

THIS IS THE END OF THE MSDS ID #

U.V. SECURITY MARKER INK 57-52-E1