

MATERIAL SAFETY DATA SHEET

11 JULY 2007

MSDS ID# 57-52-G IUVSECCLR MSDS
PRODUCT NAME: U.V. SECURITY MARKER INK 57-52-G
PART #: IUVSECCLR57-52-G

SECTION I SUPPLIER INFORMATION

COMMON NAME: U.V. SECURITY MARKER INK
CHEMICAL NAME: N/A
FORMULA/CAS: N/A

SUPPLIER: NATIONAL INK LLC
ADDRESS: 10870 HARTLEY ROAD, SUITE A
CITY, STATE, ZIP: SANTEE, CA. 92071

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

DATE ISSUED: 03-01-2001 DATE REVISED: 07-11-2007

SECTION II INGREDIENT INFORMATION

PROPYLENE GLYCOL MONO METHYL ETHER CAS#: 107-98-2 55-65%
PEL OSHA: NOT ESTABLISHED TLV-ACGIH: NOT ESTABLISHED
PROPANOL CAS#: 71-23-8 10-15%
PEL OSHA: NOT ESTABLISHED TLV-ACGIH: NOT ESTABLISHED
ETHYLENE GLYCOL MONOPROPYLETHER CAS#: 2807-30-9 15-25%
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) (CAS# 2807-30-9).

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 : APPROX. 200°F
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 : PARTIAL

*****ACUTE AND CHRONIC HEALTH HAZARDS*****
MAY CAUSE SKIN OR EYE IRRITATION

*****CARCINOGENICITY*****
NTP: NO IARC: NO OSHA: NO

*****ADDITIONAL INFORMATION*****
CONTACT PERSON : DR. BEN FABIAN
TECHNICAL DIRECTOR

*****ROUTES OF ENTRY*****
INHALATION : YES
SKIN : YES
INGESTION : YES
EYES : YES

SECTION VI HEALTH HAZARD DATA

POLYMERIZATION: AVOID : NONE
POLYMERIZATION WILL NOT OCCUR

*****HAZARDOUS DECOMPOSITION OR BY-PRODUCTS*****
NONE KNOWN

*****INCOMPATIBILITY (MATERIALS TO AVOID)*****
STRONG OXIDIZING AGENTS

STABILITY : PRODUCT IS STABLE
AVOID : NONE

SECTION V REACTIVITY DATA

*****UNUSUAL FIRE FIGHTING PROCEDURES*****
NONE KNOWN

*****SPECIAL FIRE FIGHTING PROCEDURES*****
NONE KNOWN

*****NFPA HAZARD CLASSIFICATION*****
FLAMMABLE: 3 HEALTH: 1 REACTIVITY: 0 SPECIAL: 0

FLASH POINT : 95°F = 35°C TOC
AUTO IGNITION : NOT ESTABLISHED
LEL : NOT ESTABLISHED
UEL : NOT ESTABLISHED

SECTION IV FIRE AND EXPLOSION HAZARD DATA

*****ADDITIONAL INFORMATION*****
APPEARANCE AND ODOR : LIGHT YELLOW LIQUID WITH SLIGHT ETHEREAL ODOR

VOLATILE ORGANIC CONTENT : 92.6% VOC (CALC.)

 EYE PROTECTION : CHEMICAL SAFETY GOGGLES
 GLOVES : CHEMICAL RESISTANT
 NONE
 *****OTHER PROTECTION*****

 LOCAL EXHAUST : AS NEEDED
 SPECIAL EXHAUST : NONE
 MECHANICAL EXHAUST : NONE

 VENTILATION*****

 NONE REQUIRED

SECTION VIII CONTROL MEASURES

 AVOID PROLONGED CONTACT WITH SKIN.
 *****OTHER PRECAUTIONS*****

 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*****

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

 STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED*****
 SOAK UP SPILL WITH INERT MATERIAL SUCH AS; VERMICULITE, DRY CLAY
 ABSORBENT OR CHEMORB. WIPE UP SMALL SPILLS WITH A CLOTH OR
 TOWEL. PREVENT RUN-OFF FROM ENTERING DRAINS, SEWERS OR RIVERS.

 DOT CLASSIFICATION: FLAMMABLE LIQUID

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

 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.

*****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 # 57-52-G IUVSECCLR MSDS