

MATERIAL SAFETY DATA SHEET

13 APR 2007

MSDS ID# ICMWA% MSDS

PRODUCT NAME: WASHABLE COLOR MARKER INK CONCENTRATE

PART #: ICMWA%AQUA83-14-20 ICMWA%BLK36-25-A ICMWA%BLK80-98-51
ICMWA%BLU36-82-A ICMWA%BLU83-14-23 ICMWA%BLU83-14-82
ICMWA%BLU83-14-84 ICMWA%BOR80-98-27 ICMWA%CHAR83-14-11
ICMWA%COB80-98-81 ICMWA%FUC83-14-31 ICMWA%GOL80-98-62
ICMWA%GRN80-98-90B ICMWA%GRN83-14-12 ICMWA%MAG36-82-C
ICMWA%MAG83-14-29 ICMWA%ORA80-98-48 ICMWA%ORG36-82-D
ICMWA%ORG80-98-142 ICMWA%ORG83-14-49 ICMWA%PAP83-14-36
ICMWA%PNK36-82-F ICMWA%PNK83-14-103 ICMWA%PUR83-14-109
ICMWA%RED36-82-B1 ICMWA%RED83-14-72 ICMWA%TAU83-14-106
ICMWA%VIO80-98-94 ICMWA%VIR83-14-13 ICMWA%VIR83-14-13A
ICMWA%YLW36-82-E1 ICMWA%YLW80-98-3 ICMWA%YLW83-14-2

SECTION I SUPPLIER INFORMATION

COMMON NAME: WASHABLE COLOR MARKER INK CONCENTRATE
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: (800)255-3924 INT'L: (813)248-0585
DATE ISSUED: 04-03-2002 DATE REVISED: 4-13-2007

SECTION II INGREDIENT INFORMATION

GLYCOLS CAS# 112-27-6/56-81-9 WEIGHT%: 0-40%
PEL OSHA: 1000PPM TLV-ACGIH: 1000PPM
GLYCERINE CAS# 56-81-5 WEIGHT%: 15-20%
PEL OSHA: 5MG/M3 TWA TLV-ACGIH: 10 MG/M3 TWA
SORBITOL CAS# 50-70-4 WEIGHT%: 10-30%
PEL OSHA: NOT ESTABLISHED TLV-ACGIH: NOT ESTABLISHED
ORGANIC DYES CAS# MIXTURES WEIGHT%: 1-15%
PEL OSHA: NOT ESTABLISHED TLV-ACGIH: NOT ESTABLISHED

INGREDIENT HAZARD STATEMENT
THIS PRODUCT IS NOT 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 NOT 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).

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT : 212°F
SPECIFIC GRAVITY (H2O = 1) : 1.028 - 1.090
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*****

VARIOUS COLORED LIQUID WITH NO ODOR.

AQUA	83-14-20	BLACK	36-25-A	BLACK	80-98-51
BLUE	36-82-A	BLUE	83-14-23	BLUE	83-14-82
ULTRA BLUE	83-14-84	BORDEAUX	80-98-27	CHARTREUSE	83-14-11
COBALT BLUE	80-98-81	FUCHSIA	83-14-31	GOLDEN ROD	80-98-62
DRK SEA GRN	80-98-90B	GREEN	83-14-12	MAGENTA	36-82-C
MAGENTA	83-14-29	ORANGE	80-98-48	ORANGE	36-82-D
YELLOW/ORANGE	80-98-142	LT. ORG	83-14-49	PAPAYA	83-14-36
PINK	83-14-36	COT CANDY	83-14-103	PURPLE	83-14-109
RED	36-82-B1	RED	83-14-72	TAUPE	83-14-106
VIOLET	80-98-94	VIRIDIAN	83-14-13	VIRIDIAN	83-14-13A
YELLOW	36-82-E1	LT. YLW	80-98-3	DRK. YLW	83-14-2

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

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : NON-FLAMMABLE WATER BASED INKS
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
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*****ROUTES OF ENTRY*****

INHALATION :NO
SKIN :YES
INGESTION :YES
EYES :YES

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

CONTACT PERSON : DR. BEN FABIAN
TECHNICAL DIRECTOR

*****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
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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 OR RIVERS.

*****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
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*****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 # ICMWA% MSDS