

MATERIAL SAFETY DATA SHEET

January 3, 2014

MSDS ID# PUMP ACTION MARKER INK - YELLOW

PRODUCT NAME: XYLENE BASED PUMP ACTION MARKER INK - YELLOW

PART #: 39-68-E

SECTION I SUPPLIER INFORMATION

COMMON NAME: XYLENE BASED PUMP ACTION MARKER INK - YELLOW
CHEMICAL NAME: N/A
FORMULA/CAS: N/A

SUPPLIER:
ADDRESS:
CITY, STATE, ZIP:
*****EMERGENCY PHONE:*****
TOLL FREE: 888-657-3030 PH: 403-266-4363

DATE ISSUED: 01-03-14 DATE ENTERED: 01-03-14
DATE REVISED: 01-03-14

SECTION II INGREDIENT INFORMATION

XYLENE CAS#: 1330-20-7 %: 35 - 50
OSHA PEL: 100 PPM TLV-ACGIH: 100 PPM
NON-HAZARDOUS INGREDIENTS:
PIGMENT WHITE 6 CAS#: 13463-67-7 %: 15 - 20
PIGMENT YELLOW 13 CAS#: 5468-75-7 %: 15 - 20
RESIN CAS#: 68132-02-5 %: 10 - 15
PROPRIETARY SURFACTANT CAS#: MIXTURE %: < 1

*****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).

THIS PRODUCT CONTAINS NO CARCINOGENS OR REPRODUCTIVE CHEMICALS AS
LISTED BY NTP, IARC, OR OSHA. THIS PRODUCT MEETS THE CONEC
LEGISLATION.

ALL INGREDIENTS MEET TSCA REQUIREMENTS

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT : 279°F
SPECIFIC GRAVITY (H2O = 1) : 1.080
MELTING POINT : NOT ESTABLISHED
VAPOR PRESSURE (mm HG) : 2.4 mmHg @ 68°F
VAPOR DENSITY (AIR = 1) : APPROX. 3.66
EVAPORATION RATE (BUTYL ACETATE=1) : APPROX. 0.86
SOLUBILITY/WATER : LESS THAN 0.08%
*****APPEARANCE AND ODOR*****
YELLOW LIQUID WITH SLIGHT AROMATIC ODOR
*****ADDITIONAL INFORMATION*****

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : APPROX. 80°F (26.6°C) TCC
AUTO IGNITION : 980°F
LEL : 1.0%
UEL : 6.6%
*****NFPA HAZARD CLASSIFICATION*****

FLAMMABLE: 3 HEALTH: 1 REACTIVITY: 0 SPECIAL: 0

*****EXTINGUISHING MEDIA*****
DRY CHEMICAL, ALCOHOL FOAM, CO2

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

WARNING: FLAMMABLE
CLEAR FIRE AREA OF UNPROTECTED PERSONNEL. DO NOT ENTER CONFINED
FIRE SPACE WITHOUT FULL BUNKER GEAR INCLUDING A POSITIVE PRESSURE
NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE
EXPOSED CONTAINERS WITH WATER.

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

CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED
WITH WATER TO PREVENT VAPOR PRESSURE BUILDUP WHICH COULD RESULT
IN CONTAINER RUPTURE.

SECTION V REACTIVITY DATA

STABILITY : PRODUCT IS STABLE
AVOID : HEAT, SPARKS, FLAMES
*****INCOMPATIBILITY (MATERIALS TO AVOID)*****
STRONG OXIDIZING AGENTS.

*****HAZARDOUS DECOMPOSITION OR BY-PRODUCTS*****
BURNING MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE AND/OR OTHER
UNIDENTIFIED POTENTIALLY TOXIC FUMES.

POLYMERIZATION: POLYMERIZATION WILL NOT OCCUR
AVOID : NONE

SECTION VI	HEALTH HAZARD DATA
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*****ROUTES OF ENTRY*****

INHALATION :YES
SKIN :YES
INGESTION :YES
EYES :YES

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

CONTACT PERSON : MICHAEL J MARTIN
PRESIDENT

*****CARCINOGENICITY*****

NTP: NO IARC: NO OSHA: NO

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

MAY CAUSE DIZZINESS, HEADACHE OR NAUSEA. INK IS IRRITATING TO EYES. IT MAY CAUSE PAIN, TEARING OR INFLAMMATION. INK MAY BE IRRITATING TO THE SKIN.

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

INK MAY CAUSE EYE IRRITATION. INK MAY CAUSE SKIN IRRITATION OR DERMATITIS. MAY BE IRRITATING TO THE NOSE, THROAT AND RESPIRATORY TRACT. SWALLOWING SMALL AMOUNTS DURING NORMAL HANDLING IS NOT LIKELY TO CAUSE HARMFUL EFFECTS; SWALLOWING LARGE AMOUNTS MAY BE HARMFUL. THIS MATERIAL CAN ENTER THE LUNGS DURING SWALLOWING OR VOMITING AND CAUSE LUNG INFLAMMATION AND/OR DAMAGE.

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

INHALATION OF HIGH CONCENTRATIONS OF THIS MATERIAL, AS COULD OCCUR IN ENCLOSED SPACES OR DURING DELIBERATE ABUSE, MAY BE ASSOCIATED WITH CARDIAC ARRHYTHMIAS. SYMPATHOMIMETIC DRUGS MAY INITIATE CARDIAC ARRHYTHMIAS IN PERSONS EXPOSED TO THIS MATERIAL.

*****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: REMOVE CONTAMINATED CLOTHING AND WASH EXPOSED SKIN WITH SOAP AND WATER. SEEK MEDICAL ATTENTION AS NEEDED FOR HYPERSENSITIVITY.

INGESTION: DO NOT INDUCE VOMITING. THIS MATERIAL IS AN ASPIRATION HAZARD. 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: FLAMMABLE LIQUID

****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*****
WEAR SAFETY GOGGLES AT ALL TIMES WHEN USING THIS LIQUID TO AVOID
THE POSSIBILITY OF SPLASHING IN THE EYES.

SECTION VIII CONTROL MEASURES

*****RESPIRATORY PROTECTION*****
NONE REQUIRED

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

*****OTHER PROTECTION*****
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 #
XYLENE BASED PUMP ACTION MARKER INK - YELLOW 39-68-E