

Y-TEX[®] Corporation

SAFETY DATA SHEET

SECTION 1: PRODUCT and COMPANY IDENTIFICATION

Product Name: Tag Ink Marking Pen

Date Prepared: February 28, 2013

Date Revised: September 27, 2013

Y-TEX Corporation
1825 Big Horn Ave.
PO Box 1450
Cody, WY 82414

For Health Safety Emergency Only, Call CHEM-TEL, Inc.: 1-800-255-3924
Other Information Calls: 800-443-6401, 307-587-5515 (Y-TEX)

General Use: Marking pen for plastic ear tags

SECTION 2: HAZARDS IDENTIFICATION



EMERGENCY OVERVIEW: DANGER: Contains xylene and MIBK. Harmful or fatal if swallowed.
Potential Health Effects: Keep out of reach of children

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

	U.S. OSHA PEL	ACGIH TLV	Concentration (w/w) %	g/kg	CAS Number
Hazardous Ingredients:					
Xylene (*1,4,5)			26-36	260-360	1330-20-7
ACGIH:		(TLV-TWA) 100ppm, (TLV-STEL) 150ppm			
OSHA:		TWA = 100ppm			
EPA:		RCRA designation is U239, CERCLA RQ is 1000 lbs., EPCRA Sec. 313 de minimus concentration = 1.0%			
SARA:		Health Assessment Rank = 72			
SDWA:		MCL = 10 mg/1, MCLG = 10 mg/1			
Methyl Isobutylketone			10-25	100-250	108-01-1
ACGIH:		(TLV-TWA) 50ppm, (TLV-STEL) 75ppm			
n-Butanol (*1,3,4,5,6)			10-20	100-250	71-36-3
ACGIH:		TWA (ceiling) = 50ppm			
OSHA:		TWA = 100ppm			
EPA:		CERCLA RQ = 5000 lbs.; RCRA U031			
Ethylene Glycol Phenol Ether			10-20	100-250	122-36-3
2-Amino-2-methyl-1-propanol (*3,5)			1-2	10-20	124-68-5

(*For Section 2 footnotes: See Section 15)

SECTION 4: FIRST AID

Eye Contact: Flush with large amounts of water and get medical attention.

Skin Contact: Wash with soap and water; remove contaminated clothing and launder before reuse.

Ingestion: Do not induce vomiting. Keep person warm, quiet, and get medical attention.

Inhalation: Remove affected person to fresh air, administer oxygen if breathing is difficult, apply artificial respiration and get medical attention if breathing has stopped.

Other Information: Not applicable

SECTION 5: FIRE FIGHTING MEASURES

Flash Point (method): Xylene: 81°F / 27°C (toc)

Autoignition Temperature: Not determined

LEL: 1.0% UEL: 7.0 for xylene

Flammability Classification: Flammable liquid

Extinguishing Media: Regular foam, carbon dioxide, dry chemical

Hazardous Combustion Products: Carbon dioxide, carbon monoxide.

Unusual Fire or Explosion Hazards: Vapors are heavier than air and may travel along the ground and be ignited by remote ignition sources.

Fire-Fighting Instructions/Equipment: Keep personnel removed and upwind of any fire. Wear full fire-fighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

NFPA Rating: Health 2, Flammability 3, Reactivity 0

SECTION 6: ACCIDENTAL RELEASE MEASURES

Use recommended personal protective equipment (see Section 8).

Small Spill: Remove sources of ignition and provide ventilation. Small quantities may be picked up with absorbent material.

Large Spill: Remove sources of ignition and provide ventilation. Large spills may be absorbed with sawdust or other suitable absorbent.

SECTION 7: HANDLING AND STORAGE

Handling Precautions: Use recommended personal protective equipment (see Section 8). Wash thoroughly after handling.

Storage Requirements: Store in a cool, dry area; away from excessive heat or sources of ignition.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: Safety glasses or goggles

Skin Protection: Rubber gloves

Respiratory Protection: For organic solvent vapors

Engineering Controls: Normal room ventilation. Local exhaust in confined areas.

Administrative Controls: Users of this product must be properly trained and qualified in its use.

Other Information: Not applicable

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State: Marking pen containing black liquid ink

Odor: Organic solvent

Odor Threshold (ppm): Not determined

Specific Gravity (H₂O = 1): 0.91 – 0.93

Solubility in Water: Insoluble

Coefficient of Water/Oil solubility: <1

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

<u>pH:</u>	Not applicable
<u>Melting Point:</u>	Not applicable
<u>Boiling Point:</u>	232°F / 111°C for xylene
<u>Vapor Pressure (mm Hg at 20°C):</u>	9.5 for xylene
<u>Vapor Density (Air = 1):</u>	3.6 for xylene
<u>Evaporation Rate (n-BuAc = 1):</u>	0.75 for xylene
<u>V.O.C.:</u>	83-91% (w/w): Not determined (v/v), 6.4 – 7.0 lbs/gal

SECTION 10: STABILITY AND REACTIVITY

<u>Chemical Stability:</u>	Stable
<u>Hazardous Polymerization:</u>	Will not occur
<u>Conditions to Avoid:</u>	Not applicable
<u>Chemicals to Avoid:</u>	Strong oxidizing agents
<u>Hazardous Decomposition Products:</u>	Not determined

SECTION 11: TOXICOLOGICAL INFORMATIONAcute Effects

Eyes: Can cause severe irritation, redness, tearing, blurred vision.

Skin: Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea; aspiration into lungs can cause chemical pneumonitis which can be fatal.

Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation.

Chronic Effects

Eyes: Not determined

Skin: Not determined

Ingestion: Not determined

Inhalation: Not determined

Carcinogenicity: Not applicable

Target Organ Effects: Not determined

Medical Conditions Aggravated by Long-term Exposure: Not determined

Other Information: Not applicable

HMIS Rating: Health 2, Flammability 3, Reactivity 0

Sensitization to Product: Not applicable

Irritancy of Product: Skin, eyes, lungs, gastrointestinal tract

Additional toxicological information regarding individual ingredients, if applicable, may be found in Section 2.

SECTION 12: ECOLOGICAL INFORMATION

Not Determined

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with applicable federal, state and local regulations.

SECTION 14: TRANSPORT INFORMATION

<u>U.S. D.O.T.:</u>	Consumer Commodity ORM-D
<u>UN Number:</u>	1210
<u>UN Proper Shipping Name:</u>	Printing Ink, Related Materials
<u>Transport Hazard Class:</u>	3
<u>Packing Group:</u>	II (2)
<u>Marine Pollutant:</u>	No

SECTION 15: REGULATORY INFORMATION

Footnotes for Section 2:

1. Subject to the reporting requirements of SARA Title III, Section 313.
2. Appears on the California Safe Drinking Water and Toxic Enforcement Act Substances List.
3. Appears on the Massachusetts Substances List.
4. Appears on the New Jersey Right-to-Know Hazardous Substances List.
5. Appears on the Pennsylvania Hazardous Substances List.
6. Appears on the Canadian WHMIS Ingredient Disclosure List.

OSHA Hazard Status: This product is considered to be hazardous as defined by the U.S. OSHA HCS (29 CFR 1910.1200).

Toxic Substances Control Act (TSCA): All ingredients contained in this product are listed on the U.S. EPA TSCA Chemical Substance Inventory.

Canadian Domestic Substances List (DSL): All ingredients contained in this product are listed on the Canadian EPA (CEPA) Domestic Substances List (DSL).

European Inventory of Existing Chemical Substances (EINECS): All ingredients contained in this product are listed on the European Inventory of Existing Chemical Substances (EINECS).

WHMIS Rating (Canada): D-2B, B-3

Risk Phrases (Canada): DANGER: Contains xylene and MIBK. Harmful if swallowed. Flammable. Vapor harmful. KEEP OUT OF REACH OF CHILDREN.

Precautionary Statements (Canada): If swallowed, do not induce vomiting. Call a physician immediately. Keep away from heat or flame. Avoid contact with eyes or prolonged contact with skin. Use only in well ventilated area.

Further regulatory information regarding individual ingredients, if applicable, may be found in Section 2.

This product has been classified in accordance with the hazard criteria of the U.S. OSHA Hazard Communication Standard and the Canadian WHMIS Controlled Products Regulations. This MSDS contains all the information required by the above regulations and conforms to ANSI Z400.1-1993.

SECTION 16: OTHER INFORMATION

Revision date: 9/27/13

THE INFORMATION ON THIS MSDS REFERS TO THE INKS USED IN THIS PRODUCT AND IT APPLIES TO HANDLING THESE INKS IN BULK.

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, Y-TEX Corporation makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will Y-TEX Corporation be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.