



Hurliman Products LLC

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MSDS# JanTech 1PE-B

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MATERIAL SAFETY DATA SHEET

PRODUCT NUMBER: JanTech 1PE-B*, W*, BL* Ink
(*=size code)

PRODUCT COLOR: Black, White, Blue

CHEMICAL NAME: Mixture

FORMULA: Proprietary Mixture

HMIS HAZARD CODE H:2 F:1 R:1

Manufactured for: JanTech Marking Equipment Co., McMinnville, OR 97128
(503) 843-1160

Manufacturer: American Coding & Marking Ink Co., Inc.
1220 North Avenue
Plainfield, NJ 07062-1796
(908) 756-0373

Emergency Telephone Number:

TRANSPORTATION: CHEMTREC (800) 424-9300

Listed below are all the hazardous ingredients, with CAS# and hazard data, of this mixture, pursuant to NJ Admin Code Title 8, Chap 59 (NJ Worker and Community Right to Know Act) and the Special Health Hazard Substance List (NJ AC 8:59-10). This exceeds Federal OSHA requirements. NJ requires that the five most predominant ingredients be listed, which may include a Trade Secret Registry Number (NJ TSR N) to cover those nonhazardous top five ingredients not specifically listed. Available health hazard and physical property information concerning the mixture is furnished in this data sheet. In the event of a medical emergency, specific chemical information will be made immediately available to a treating physician or nurse.

Ingredient(s) CAS Number Weight % OSHA PEL ACGIH TLV

Formaldehyde 50-00-0 .01-.06 0.75ppm 0.3ppm (ceiling)

NJTSRN: 6600BLK

Emergency Overview: As noted in the preface to published values adopted by the ACGIH, TLV represent conditions under which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect. Because of wide variation in individual susceptibility however, a small percentage of workers may experience discomfort from some substances at concentrations at or below the threshold limit; a smaller percentage may be affected more seriously by aggravation of a pre-existing condition or by development of occupational illness.

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

SECTION 3. HAZARDS IDENTIFICATION

Potential Health Effects

INGESTION: Moderately irritating to gastrointestinal tract. Can cause headache, diarrhea, drowsiness, breathing difficulties, nausea, vomiting, unconsciousness.

EYES: Slightly irritating. May cause temporary redness and/or blurred vision

SKIN: Slightly irritating. Prolonged or widespread contact may lead to defatting or dermatitis.

INHALATION: Slightly irritating to nasal and respiratory tracts. Can cause headache, drowsiness, dizziness, breathing difficulties, nausea.

INGESTION: Currently available information indicates to induce vomiting, if conscious, as directed by medical personnel. Seek medical attention.

EYES: Flush immediately with water for at least 15 minutes. Seek medical attention.

SKIN: Remove contaminated clothing. Thoroughly wash with soap and large amounts of water. Seek medical attention.

INHALATION: Remove to fresh air. Restore breathing. Treat symptomatically. Seek medical attention.

FLASH POINT (°F, TCC): >240

FLAMMABLE LIMITS: LEL: unknown UEL: unknown

LEL value reported is lowest listed for any ingredient in mixture

EXTINGUISHING MEDIA: Water fog, Multipurpose foam, Dry chemical, CO2

SPECIAL FIREFIGHTING PROCEDURES:

Fight as volatile liquid fire.

SECTION 4. FIRST AID MEASURES

SECTION 5. FIREFIGHTING MEASURES

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SPILL OR LEAK PROCEDURES: Secure area and remove all sources of ignition and heat. Prevent additional discharge of material. Absorb small spills with sand, filter-aid, vermiculite or other inert absorbent material. For large spills, prevent material from entering sewers or water courses. Contain spill with sand, or earth dikes. Recover as much as possible by pumping. Treat remainder as small spill. Dispose of waste in accordance with applicable government regulations. Wear chemical goggles, gloves, boots, and protective clothing. Wear respirator if necessary.

STORAGE TEMPERATURE: 40 - 90° F

SHELF LIFE: Recommended use within 12 months. Refrigeration will extend shelf life.

HANDLING AND STORAGE PRECAUTIONS: Store in tightly closed or properly vented container away from heat, sparks, open flame, or strong oxidizing agents. Containers must be properly grounded and adequate ventilation provided. Unscrew all caps slowly. Do not unscrew entirely until all pressure has been completely released.

REPAIR & MAINTENANCE OF CONTAMINATED EQUIPMENT: Handle all equipment containing liquid mixture as reported on this MSDS. Equipment with dried mixture must be handled with the same care as other dried organic coatings. All cleaning material should be handled according to their instructions and their MSDSs.

OTHER PRECAUTIONS: Use only with adequate ventilation. Dispose of empty container promptly and properly.

SPECIAL PRECAUTIONS: None

EYE PROTECTION: Eye protection such as chemical splash goggles and/or face shield must be worn when possibility exists for eye contact due to splashing or spraying liquid, airborne particles or vapor. Contact lenses must not be worn.

SKIN PROTECTION: Depending on the conditions of use, protective gloves, clothing, boots, head and face protection should be worn.

RESPIRATORY/VENTILATION: If workplace exposure limits of product or any component is exceeded,

NIOSH/MSHA approved respiratory protection must be used.

ENGINEERING CONTROLS: Provide local exhaust or general room ventilation to minimize exposure to vapors.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

SECTION 6. ACCIDENTAL RELEASE MEASURES

SECTION 7. HANDLING AND STORAGE

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PHYSICAL FORM: Liquid

ODOR: Low

BOILING POINT (°F): >450

VAPOR PRESSURE (mm Hg): <0.01

VAPOR DENSITY (Air=1): Not Determined

SOLUBILITY IN WATER: Slight

SPECIFIC GRAVITY (H₂O=1): 1.4

% VOLATILE BY VOLUME: approx 5

EVAPORATION RATE (nBuAcet=1): <0.01

STABLE: No, Keep away from heat above 150°F; Irreversible
polymerization will cause heat buildup

HAZARDOUS POLYMERIZATION: Yes

INCOMPATIBILITIES: Strong oxidizing agents, strong acids, strong bases, alkali
metals, halogens

DECOMPOSITION PRODUCTS: CO, CO₂, Organic Combustion Products, Oxides of Nitrogen

No Data Available

No Data Available

Consult Federal, State, and Local Regulations for accepted procedures of disposal, and any
reporting or notification requirements.

SECTION 10. REACTIVITY

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

SECTION 12. ECOLOGICAL INFORMATION

SECTION 11. TOXICOLOGICAL INFORMATION

SECTION 13. DISPOSAL CONSIDERATIONS

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DOT SHIPPING NAME: None

DOT HAZARD CLASS: Not Regulated

UN NUMBER: None

DOT LABEL: None

FREIGHT CLASS: 55

TSCA STATUS: Listed

OTHER REGULATORY:

Ingredient(s) SARA 302 SARA 313 RECRA PROP 65

Formaldehyde Yes Yes U122 Yes

NJTSRN: 6600BLK No No No No

REASON FOR ISSUE: Update Section 2

PREPARED BY: Tom Sweet

TITLE: President

APPROVAL DATE: 11/01/2004

SUPERCEDES DATE: 07/29/2004

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SECTION 16. OTHER INFORMATION

SECTION 14. TRANSPORTATION INFORMATION

SECTION 15. REGULATORY INFORMATION