

MSDS# 7520-01

## MATERIAL SAFETY DATA SHEET

### SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER: 7520  
PRODUCT COLOR: Black - B-40 Marking Ink #105043  
CHEMICAL NAME: Mixture  
FORMULA: Proprietary Mixture  
HMIS HAZARD CODE H:2 F:3 R:0

**Manufacturer:**

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

**Emergency Telephone Number:**

TRANSPORTATION: CHEMTREC (800) 424-9300

### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

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 (NJAC 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 (NJTSRN) 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.

<u>Ingredient(s)</u>	<u>CAS Number</u>	<u>Weight %</u>	<u>OSHA TLV</u>	<u>ACGIH TLV</u>
Ethyl Alcohol	64-17-5	30-50	1000ppm	250ppm
Isopropyl Alcohol	67-63-0	0-5	400ppm	400ppm

NJTSRN: 7520BLK

### SECTION 3. HAZARDS IDENTIFICATION

**Emergency Overview:** As noted in the preface to published values adopted by the ACGIH, TLV's 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

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seriously by aggravation of a pre-existing condition or by development of occupational illness."

**Potential Health Effects**

- INGESTION:** Moderately irritating to gastrointestinal tract. Can cause headache, diarrhea, drowsiness, breathing difficulties, nausea, vomiting, unconsciousness.
- EYES:** Slightly irritating. May cause redness and/or blurred vision, but reversible within seven days.
- 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.

**SECTION 4. FIRST AID MEASURES**

- 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.

**SECTION 5. FIREFIGHTING MEASURES**

- FLASH POINT (°F, TOC):** 55
- FLAMMABLE LIMITS:** LEL: 3.3 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.  
Flashback fires may occur.

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

**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.

## SECTION 7. HANDLING AND STORAGE

**STORAGE TEMPERATURE:** 40 - 90° F

**SHELF LIFE:** Recommended use within 12 months.

**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" containers promptly and properly.

**SPECIAL PRECAUTIONS:** None

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**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.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL FORM: Liquid  
ODOR: Low  
BOILING POINT (°F): approx 180  
VAPOR PRESSURE (mm Hg): approx 30  
VAPOR DENSITY (Air=1): approx 3.3  
SOLUBILITY IN WATER: Appreciable  
SPECIFIC GRAVITY (H<sub>2</sub>O=1): 0.85  
% VOLATILE BY VOLUME: approx 95  
EVAPORATION RATE (nBuAcet=1): approx 1.5

**SECTION 10. REACTIVITY**

STABLE: Yes  
HAZARDOUS POLYMERIZATION: No  
INCOMPATIBILITIES: Strong oxidizing agents, strong acids, strong bases, alkali metals, halogens  
DECOMPOSITION PRODUCTS: CO, CO<sub>2</sub>, Organic Combustion Products, Oxides of Nitrogen

**SECTION 11. TOXICOLOGICAL INFORMATION**

No Data Available

**SECTION 12. ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13. DISPOSAL CONSIDERATIONS**

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

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**SECTION 14. TRANSPORTATION INFORMATION**

DOT SHIPPING NAME: Printing Ink  
DOT HAZARD CLASS: Flammable Liquid, PG II  
UN NUMBER: UN 1210  
DOT LABEL: Flammable Liquid (or ORM-D if container <= 1 quart domestic ground shipments only)  
FREIGHT CLASS: 55

**SECTION 15. REGULATORY INFORMATION**

TSCA STATUS: Listed

OTHER REGULATORY:

<u>Ingredient(s)</u>	<u>SARA 302</u>	<u>SARA 313</u>	<u>RECRA</u>	<u>PROP 65</u>
Ethyl Alcohol	No	No	No	No
Isopropyl Alcohol	No	No	No	No
NJTSRN: 7520BLK	No	No	No	No

**SECTION 16. OTHER INFORMATION**

REASON FOR ISSUE: MSDS form revision  
PREPARED BY: Tom Sweet  
TITLE: President  
APPROVAL DATE: 02/28/2001  
SUPERCEDES DATE: 03/05/1998

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