

# Material Safety Data Sheet

## Section 1 Product and Company Identification

Product Name:

**China Marker**

MSDS #: 145

Revision #: 1.3

Date Prepared: April 3, 1997

Date Revised: February 5, 2010

Manufacturer:

**LA-CO INDUSTRIES, Inc./Markal Co.**

1201 Pratt Blvd.

Elk Grove Village, IL, USA 60007-5746

Information Telephone: 847-956-7600

Emergency Telephone: Call CHEMTREC

USA 800-424-9300

International (Call Collect) 1-703-527-3887

Chemical Formula: Mixture

CAS No.: Not Applicable. Derivation: Not Applicable.

Synonyms: Not Applicable.

General Use: All-purpose marker for smooth porous and non-porous surfaces.

Supplier/Importer:

## Section 2 Composition/Information on Ingredients

Ingredient

CAS No.

%

As a manufactured item, this product conforms to 16-CFR-1500 U.S. Consumer Products Safety Act, and is therefore exempt from the OSHA Hazard Communication Standard as an Article. This Material Safety Data Sheet is provided as a service to our customers, but is not required by U.S. law. No acute or chronic labeling is required under the provisions of the U.S. Hazardous Substances Act, or under ASTM D-4236, which covers labeling standards for Art Materials.

No Hazardous ingredients according to the U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200, Canadian WHMIS regulations, British CHIP2 regulation 6, and Australian Regulations for the Control of Workplace Hazardous Substances.

(For Section 2 footnotes: See Section 15)

## Section 3 Hazards Identification

**EMERGENCY OVERVIEW:** None.

### POTENTIAL HEALTH EFFECTS

Primary Exposure Routes: None.

#### Acute Effects

Eyes: Not applicable.

Skin: Not applicable.

Ingestion: Not applicable.

Inhalation: Not applicable.

#### Chronic Effects

Eyes: Not applicable.

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**Skin:** Not applicable.  
**Ingestion:** Not applicable.  
**Inhalation:** Not applicable.  
**Carcinogenicity:** Not Applicable.  
**Target Organ Effects:** Not Applicable.  
**Medical Conditions Aggravated by Long-Term Exposure:** Not Determined.  
**Other Information:** Not Applicable.

## Section 4

## First Aid

First aid is not expected to be needed. The following first aid information is provided as general information.

**Eye Contact:** Flush with water.  
**Skin Contact:** Wash with soap and water.  
**Ingestion:** Consult physician.  
**Inhalation:** Remove to fresh air  
**Other Information:**

## Section 5

## Fire Fighting Measures

**Flash Point (method):** Not applicable.  
**Autoignition Temperature:** Not Determined.  
**LEL:** Not applicable. **UEL:** Not applicable.  
**Flammability Classification:** Not applicable.  
**Extinguishing Media:** Not applicable.  
**Hazardous Combustion Products:** Not Determined.  
**Unusual Fire or Explosion Hazards:** Not applicable.  
**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).

## Section 6

## Accidental Release Measures

Use recommended personal protective equipment (see Section 8).  
**Small Spill:** Pick up for reuse.  
**Large Spill:** Pick up for reuse.

## Section 7

## Handling and Storage

**Handling Precautions:** Use recommended personal protective equipment (see Section 8). Wash thoroughly after handling.  
**Storage Requirements:** Store away from incompatible chemicals (see Sec. 10). Store in a cool, dry area.

## Section 8

## Exposure Controls/Personal Protection

**Eye/Face Protection:** Not applicable.  
**Skin/Hand Protection:** Not applicable.  
**Respiratory Protection:** Not applicable.  
**Other Equipment:** Not applicable.

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**Engineering Controls:** Normal room ventilation.  
**Administrative Controls:** Users of this product must be properly trained and qualified in its use.  
**Other Information:** None.

## Section 9 Physical and Chemical Properties

**Appearance/Physical State:** Colored wax based core wrapped in lacquered paper.  
**Odor:** Not applicable.  
**Odor Threshold (ppm):** Not applicable.  
**Specific Gravity (H<sub>2</sub>O = 1):** Not Determined.  
**Solubility - Water:** Insoluble.  
    **- Fat:** Colored core soluble.  
**Coefficient of Water/Oil Solubility:** Not applicable.  
**Partition Coefficient (n-octanol/water):** Not applicable.  
**pH:** Not applicable.  
**Melting Point:** Not Determined.  
**Boiling Point:** Not Determined.  
**Vapor Pressure (mm Hg at 20°C):** Not applicable.  
**Vapor Density (Air = 1):** Not applicable.  
**Evaporation Rate (n-BuAc=1):** Not applicable.  
**V.O.C.:** 0%(w/w), 0%(v/v), 0 lbs./gal.(U.S.), 0 kg/l  
**Flash Point (method):** (see Section 5)  
**Autoignition Temperature:** (see Section 5)  
**Flammability Classification:** (see Section 5)  
**Unusual Fire or Explosion Hazards:** (see Section 5)  
**Oxidising Properties:** Not Applicable.  
**Other Information:** None.

## Section 10 Stability and Reactivity

**Chemical Stability:** Stable.  
**Hazardous Polymerization:** Will not occur.  
**Conditions to Avoid:** None Known.  
**Chemicals to Avoid:** None Known.  
**Hazardous Decomposition Products (non-thermal):** None Known.

## Section 11 Toxicological Information

**Sensitization to Product:** Not Applicable.  
**Irritancy of Product:** Not applicable.  
**Reproductive Toxicity:** Not Applicable.  
**Teratogenicity:** Not Applicable.  
**Mutagenicity:** Not Applicable.

Further hazard information, if applicable, may be found in Section 3. Toxicological information regarding individual ingredients, if applicable, may be found in Section 2.

## Section 12 Ecological Information

**Mobility:** Not Determined.

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**Degradability:** Not Determined.  
**Accumulation:** Not Determined.  
**Ecotoxicity:** Not Determined.  
**Other Adverse Effects:** Not Determined.

## Section 13 Disposal Considerations

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

## Section 14 Transport Information

**U.S. D.O.T.**

**Proper Shipping Name:** Not Regulated.  
**Hazard Class or Division:** Not Regulated.  
**I.D. Number:** Not Regulated.

**CANADIAN TDG:** Not Regulated.

**IATA:** Not Regulated.

**ICAO:** Not Regulated.

**IMO:** Not Regulated.

**Australian Code for the Transport of Dangerous Goods**

**Dangerous Goods Class and Subsidiary Risk:** Not Regulated.

## 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.

**U.S.A.**

**OSHA Hazard Status:** Not applicable.

**EPA SARA sec. 311/312 Hazard Categories:** Not Applicable.

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

**HMIS Rating:** Health 0, Flammability 1, Reactivity 0

**NFPA Rating:** Health 1, Flammability 1, Reactivity 0

**CANADA**

**WHMIS Status:** This product is not considered to be hazardous as defined by Canadian WHMIS Controlled Products Regulations.

**WHMIS Rating:** None.

**WHMIS Risk Phrases:** None.

**WHMIS Precautionary Statements:** None.

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

**E.U.**

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

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**CHIP 2 Categories of Danger (England):** None.

## AUSTRALIA

**Worksafe Australia Status:** This product is not classified as hazardous according to criteria of Worksafe Australia.

**HAZCHEM Code (Australia):** None.

**Poisons Schedule Number (Australia):** None.

## ACMI

Certified by ACMI to carry the AP Seal per ASTM D-4236.

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, the Canadian WHMIS Controlled Products Regulations, the British CHIP2 regulation 6, and the Australian NMRCWHS. This MSDS contains the information required by the above regulations and conforms to ANSI Z400.1-1993.

## Section 16

## Other Information

**MSDS Prepared By:** Director of Chemical Safety

**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, LA-CO Industries, Inc. 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 LA-CO Industries, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.**