

Material Safety Data Sheet

IMPORTANT NOTICE: This Material Safety Data Sheet (MSDS) is issued by LA-CO Industries, Inc. (LA-CO) in accordance with the U.S. OSHA Hazard Communication Standard, Canadian WHMIS Controlled Products Regulations, British CHIP regulation 6, Australian NMRCWHS and ANSI Z400.1-1993 guidelines. The information contained herein must not be altered, deleted or added to, with the exception of adding supplier/importer information in the space provided. LA-CO has no objection to its MSDS being copied if: a) the copy is made for safety-related purposes; and b) no alterations or amendments are made to the text or format of the MSDS, with the exception of adding supplier/importer information in the space provided. LA-CO does not guaranty the accuracy of any MSDS for our products which: a) is not prepared by LA-CO; b) is not authorized by LA-CO; c) is not in the format originally supplied by LA-CO; or d) has otherwise been amended or altered by a third party, with the exception of adding supplier/importer information in the space provided. Official LA-CO MSDS's reside on its web site at www.laco.com.

Section 1 Product and Company Identification

Ultra-Scan™, Scan-It Plus™, Scan-It, and OptiMark™ Fluorescent Crayon

Revision #: 3.1

Date Prepared: January 19, 1995

Date Revised: January 27, 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: Fluorescent Marking Crayon for use
with Lumber Grade Mark Readers

Supplier/Importer:

Section 2 Composition/Information on Ingredients

<u>Ingredient</u>	<u>CAS No.</u>	<u>%</u>
-------------------	----------------	----------

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: Non-toxic crayon. For Industrial Use Only.

POTENTIAL HEALTH EFFECTS:

Primary Entry Routes: Not Applicable.

Acute Effects

Eyes: Not Applicable.

Skin: Not Applicable.

Ingestion: Large amounts may cause diarrhea and weakness.

Inhalation: Not Applicable.

Ultra-Scan™, Scan-It Plus™, Scan-It, and OptiMark™ Fluorescent Crayon

Revision #: 3.1

Date Prepared: January 19, 1995

Date Revised: January 27, 2010

Chronic Effects

Eyes: Not Applicable.

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.

HMIS Rating: Health 0, Flammability 1, Reactivity 0

Section 4

First Aid

Eye Contact: Not Applicable.

Skin Contact: Not Applicable.

Ingestion: Induce vomiting. Consult physician if irritation persists.

Inhalation: Not Applicable.

Other Information: Not Applicable.

Section 5

Fire Fighting Measures

Flash Point (method): Approximately 400°F/200°C (COC)

Autoignition Temperature: Approximately 470°F/240°C

LEL: Not Determined. **UEL:** Not Determined.

Flammability Classification: Combustible solid.

Extinguishing Media: Water, carbon dioxide, foam, dry chemical.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide.

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).

NFPA Rating: Health 1, Flammability 1, Reactivity 0

Section 6

Accidental Release Measures

Use recommended personal protective equipment (see Section 8).

Small Spill: Sweep or scrape up.

Large Spill: Generally treat as a small spill. If large quantities are exposed to excessive heat, this product may melt. Allow melted material to cool and then scrape up.

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. Do not expose to excessive light.

Section 8

Exposure Controls/Personal Protection

Eye/Face Protection: Not Applicable.

Skin Protection: Not Applicable.

Ultra-Scan™, Scan-It Plus™, Scan-It, and OptiMark™ Fluorescent Crayon

Revision #: 3.1

Date Prepared: January 19, 1995

Date Revised: January 27, 2010

Respiratory Protection: Not Applicable.

Other Personal Protective Equipment: Not Applicable.

Engineering Controls: Not Applicable.

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: Solid wax crayon.

Odor: Wax like.

Odor Threshold (ppm): Not Determined.

Specific Gravity (H₂O = 1): <1

Solubility in Water: Insoluble.

Coefficient of Water/Oil Solubility: <<1

pH: Not Applicable.

Melting Point: Approximately 130°F/55°C

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.

Section 10 Stability and Reactivity

Chemical Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Not Applicable.

Chemicals to Avoid: Strong acids, strong bases, oxidizers.

Hazardous Decomposition Products: Not Applicable.

Section 11 Toxicological Information

Sensitization to Product: Not Applicable.

Irritancy of Product: Not Applicable.

Reproductive Toxicity: Not Applicable.

Teratogenicity: Not Applicable.

Mutagenicity: Not Applicable.

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.

Ultra-Scan™, Scan-It Plus™, Scan-It, and OptiMark™ Fluorescent Crayon

Revision #: 3.1

Date Prepared: January 19, 1995

Date Revised: January 27, 2010

Section 14 Transport Information

Not regulated by U.S. D.O.T., IATA, IMO, TDG

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 not 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): Not Applicable.

Risk Phrases (Canada): Not Applicable.

Precautionary Statements (Canada): Not Applicable.

CHIP2 Hazard Categories: None.

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

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.