

Material Safety Data Sheet

Section 1 Product and Company Identification

Product Name: "ALL WEATHER PAINTSTIK & TWIST-STIK";
"B", "B-3/8", "B-E", "B-16", "C", "E", "F", & "N"
PAINTSTIKS; and "LACQUER STIK"

Revision #: 1.9

Date Prepared: December 7, 1994

Date Revised: June 16, 2001

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: Paint crayon for general purpose marking.

Supplier/Importer:

Section 2 Composition/Information on Ingredients

<u>Ingredient</u>	<u>CAS No.</u>	<u>%</u>
Linseed Oil ^{5,6}	8001-26-1	0 - 40
Carbon Black ^{3,4,5,6} (Black and gray Paintstiks only) ACGIH: TWA = 3.5 mg/kg OSHA: TWA = 3.5 mg/kg	1333-86-4	2
Aluminum ^{3,4,5,6} (Silver Paintstiks only) SARA: Health Assessment Rank = 158 CERCLA: Appears on Section 110 Priority List of Hazardous Substances. ACGIH: TWA (dust) = 10mg/m ³ OSHA: TWA (dust) = 15mg/m ³ U.S. Safe Drinking Water Act: Appears on the Drinking Water Priority List Substances.	7429-90-5	14
Copper ^{1,3,4,5,6} (Gold Paintstiks only) ACGIH: TWA = 1 mg/m ³ (dust) OSHA: TWA = 1 mg/m ³ (dust) EPA: CERCLA RQ = 5000 lbs.; EPCRA sec. 313 de minimus concentration = 1.0% SARA: Health Assesment Rank = 87 SDWA: MCLG = 1.3 mg/l	7440-50-8	45
Zinc ^{1,3,4,5} (Gold Paintstik only) EPA: CERCLA RQ = 1000 lbs.; EPCRA sec. 313 de minimus concentration = 1.0% (fume and dust) SARA: Health Assessment Rank = 58	7440-66-6	1.5

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MARKAL "B" Paintstik was tested by an independent laboratory and found to be non-toxic, non-irritating to the skin and eyes within the meaning of the U.S. Federal Hazardous Substance Labeling Act.

(For Section 2 footnotes: See Section 15)

Section 3 Hazards Identification

EMERGENCY OVERVIEW: Combustion Hazard: Waste soaked with this product may spontaneously catch fire if improperly discarded.

POTENTIAL HEALTH EFFECTS:

Primary Entry Routes: Not Applicable.

Acute Effects

Eyes: Contact may cause mild eye irritation including stinging, watering, and redness. Irritating fumes may be produced during the paint drying process if exposed to large surface area.

Skin: None.

Ingestion: Possible nausea or diarrhea if large amounts ingested.

Inhalation: Irritating fumes may be produced during the paint drying process if exposed to large surface area.

Chronic Effects

Eyes: Not Applicable.

Skin: Not Applicable.

Ingestion: Not Applicable.

Inhalation: Not Applicable.

Carcinogenicity:

ACGIH: Carbon Black has been identified by other sources as a suspected or confirmed human carcinogen.

IARC: Carbon Black is not classifiable as a human carcinogen (Group 3); human evidence is inadequate; animal evidence is inadequate.

Target Organ Effects: Not Applicable.

Medical Conditions Aggravated by Long-Term Exposure: Not Determined.

Other Information: Not Applicable.

HMS Rating: Health 0, Flammability 1, Reactivity 0.

Section 4 First Aid

Eye Contact: Flush with water.

Skin Contact: Use good industrial hygiene and wash hands after use.

Ingestion: Consult physician if discomfort occurs.

Inhalation: Move away from source of exposure and into fresh air. Consult physician if discomfort occurs.

Other Information: None.

Section 5 Fire Fighting Measures

Flash Point (method): 400°F/204°C (Unknown)

Autoignition Temperature: Not Determined.

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

Flammability Classification: Not Determined.

Extinguishing Media: Carbon Dioxide, Foam, Dry Chemical.

Hazardous Combustion Products: Carbon Monoxide, Carbon Dioxide.

Unusual Fire or Explosion Hazards: Rags and waste paper containing this product may burn spontaneously. Store wiping rags containing this product in metal containers with tight lids.

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). Rags or waste paper containing this product may burn spontaneously. Dispose of wiping rags in metal containers with tight lids.

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.

Section 8 Exposure Controls/Personal Protection

Eye/Face Protection: Not Applicable.

Skin Protection: Not Applicable.

Respiratory Protection: Not Applicable.

Other Personal Protective Equipment: Eye wash.

Engineering Controls: Normal room ventilation. Make sure area is well ventilated if large surface area of paint is drying.

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: Cylindrical crayon/solid

Odor: Mild odor.

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: Approx. 150°F/66°C

Boiling Point: Not Applicable.

Vapor Pressure (mm Hg at 20°C): Not Applicable.

Vapor Density (Air = 1): Not Applicable.

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Evaporation Rate (n-BuAc=1): Not Applicable.

V.O.C.: 0%(w/w), 0%(v/v), 0 lbs./gal., 0 kg/l

Section 10 Stability and Reactivity

Chemical Stability: Stable.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: High surface area exposure can result in release of heat while paint is drying.

Chemicals to Avoid: Oxidizers.

Hazardous Decomposition Products (non-thermal): Aldehydes (including acrolein) may be produced from atmospheric oxidation (drying).

Section 11 Toxicological Information

Sensitization to Product: Not Applicable.

Irritancy of Product: Possible irritation to eyes and upon inhalation.

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.

Section 14 Transport Information

Not regulated by DOT, IATA, ICAO, 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).

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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): None.

Risk Phrases (Canada): Not Applicable.

Precautionary Statements (Canada): Not Applicable.

CHIP 2 Categories of Danger (England): 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.