

Material Safety Data Sheet

Section 1 Product and Company Identification

Product Name: **FAST DRY PAINTSTIK**
MSDS #: 116 Date Prepared: January 18, 1995
Revision #: 1.5 Date Revised: June 18, 2007

Manufacturer: | Supplier/Importer:

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. Synonyms: Not Applicable.

Derivation: Not Applicable.

General Use: Paint crayon for general purpose marking.

Section 2 Composition/Information on Ingredients

<u>Ingredient</u>	<u>CAS No.</u>	<u>%</u>
Dipropylene Glycol Monomethyl Ether ^{3,4,5,6} ACGIH: TWA = 100ppm, STEL = 150ppm OSHA: TWA = 100ppm	34590-94-8	20
Hydrotreated Kerosene Acute oral LD50 (rat) >5g/kg Acute dermal LD50 (rabbit) >3.16g/kg	64742-47-8	5
Carbon Black ^{3,4,5,6} (Black Paintstik only) ACGIH: TWA = 3.5 mg/kg OSHA: TWA = 3.5 mg/kg	1333-86-4	3

(For Section 2 footnotes: See Section 15)

Section 3 Hazards Identification

EMERGENCY OVERVIEW: CAUTION: EYE IRRITANT. CONTAINS GLYCOL ETHER SOLVENT. Avoid eye contact - flush thoroughly with water, call physician. May be harmful if swallowed. KEEP OUT OF REACH OF CHILDREN.

POTENTIAL HEALTH EFFECTS:

Primary Entry Routes: Eyes, Skin, Inhalation

Acute Effects

Eyes: Vapors and direct contact can cause irritation.

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Skin: Can cause drying of skin.

Ingestion: Slightly toxic. May produce signs of intoxication characterized by incoordination, dizziness, drowsiness, headache, nausea, mental confusion, possibly slurred speech, and stupor, depending on the quantity of material ingested.

Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation and central nervous system effects including dizziness, weakness, fatigue, nausea, headache, and possible unconsciousness.

Chronic Effects

Eyes: Not Determined.

Skin: Prolonged or repeated skin contact can remove skin oils possibly leading to irritation and dermatitis.

Ingestion: Ingestion of large amounts can cause liver and kidney damage.

Inhalation: Prolonged over-exposure to concentrated vapors can cause liver and kidney damage.

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: Ingestion of large amounts and prolonged over-exposure to concentrated vapors can cause liver and kidney damage.

Medical Conditions Aggravated by Long-Term Exposure: Skin contact may aggravate existing dermatitis.

Other Information: Small amounts of Hydrotreated Kerosene aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

HMIS Rating: Health 1, Flammability 2, Reactivity 0

Section 4

First Aid

Eye Contact: Flush with large amounts of water, lifting upper and lower eyelids occasionally.

Skin Contact: Wash exposed area with soap and water.

Ingestion: DO NOT induce vomiting due to lung aspiration hazard; contact a physician immediately.

Inhalation: Remove victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep victim warm, quiet and get medical attention.

Other Information: Not Applicable.

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Section 5 Fire Fighting Measures

Flash Point (method): Approximately 160°F/71°C (PMCC)
Autoignition Temperature: >640°F/338°C
LEL: Not Determined. **UEL:** Not Determined.
Flammability Classification: Not Applicable.
Extinguishing Media: Alcohol foam, carbon dioxide, dry chemical. Water may be ineffective, but water should be used to keep fire-exposed containers cool. Water spray may be used to disperse vapors and to flush spills away from exposure.
Hazardous Combustion Products: Carbon monoxide, carbon dioxide, aldehydes.
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 2, Reactivity 0

Section 6 Accidental Release Measures

Use recommended personal protective equipment (see Section 8).
Small Spill: Sweep or scrape up.
Large Spill: Sweep, shovel or 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: Safety glasses or goggles.
Skin Protection: Suitable to avoid skin contact.
Respiratory Protection: Suitable for organic solvent vapors in tightly confined areas.
Other Personal Protective Equipment: Eye wash and safety shower.
Engineering Controls: Normal room ventilation. Local exhaust in confined areas.
Administrative Controls: Users of this product must be properly trained and qualified in its use.
Other Information: Not Applicable.

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Section 9 Physical and Chemical Properties

Appearance/Physical State: Cylindrical crayon/solid.
Odor: Solvent-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: Not Determined.
Boiling Point: Not Applicable.
Vapor Pressure (mm Hg at 20°C): <2
Vapor Density (Air = 1): >5
Evaporation Rate (n-BuAc=1): <1
V.O.C.: 25%(w/w), Not Determined.(v/v), Not Determined.
lbs./gal.

Section 10 Stability and Reactivity

Chemical Stability: Stable
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Not Applicable.
Chemicals to Avoid: Strong oxidizers.
Hazardous Decomposition Products: Not Applicable.

Section 11 Toxicological Information

Sensitization to Product: Not Applicable.
Irritancy of Product: Eyes, skin, respiratory tract.
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

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local regulations.

Section 14 Transport Information

Not regulated by U.S. D.O.T.

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 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): B-3, D-1B

Risk Phrases (Canada): CAUTION: EYE IRRITANT. CONTAINS GLYCOL ETHER SOLVENT. May be harmful if swallowed.

Precautionary Statements (Canada): Avoid eye contact - flush thoroughly with water, call physician. KEEP OUT OF REACH OF CHILDREN.

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.

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Section 16

Other Information

Abbreviations:

MSDS Prepared By: Director of Chemical Safety

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