

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078704204

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078388765 078388781

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

078388799 078388807 078388815 078388831 078398970 078704188 078704196 078706907 078706923 078706931  
078771348

# 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 CHIP2 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.

## Section 1 Product and Company Identification

**Product Name:** "ALL WEATHER PAINTSTIK "  
"ALL WEATHER HOT CLIMATE PAINTSTIK"  
"B", "B-3/8", "B-E", "B-16", "C", "E", "F", & "N" PAINTSTIKS  
"LACQUER STIK"

**Revision #:** 2.4

**Date Prepared:** December 7, 1994

**Date Revised:** September 1, 2013

**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:** Marking and Identification.

**Supplier/Importer:**

## Section 2 Composition/Information on Ingredients

<u>Ingredient</u>	<u>CAS No.</u>	<u>%</u>
Linseed Oil <sup>5,6</sup>	8001-26-1	0 - 40
Carbon Black <sup>3,4,5,6</sup> (Black and gray Paintstiks only) ACGIH: TWA = 3.5 mg/kg OSHA: TWA = 3.5 mg/kg	1333-86-4	2
Aluminum <sup>3,4,5,6</sup> (Silver Paintstiks only) ACGIH: TWA (dust) = 10mg/m <sup>3</sup> OSHA: TWA (dust) = 15mg/m <sup>3</sup> U.S. Safe Drinking Water Act: Appears on the Drinking Water Priority List Substances.	7429-90-5	14
Copper <sup>1,3,4,5,6</sup> (Gold Paintstiks only) ACGIH: TWA = 1 mg/m <sup>3</sup> (dust) OSHA: TWA = 1 mg/m <sup>3</sup> (dust)	7440-50-8	45
Zinc <sup>1,3,4,5</sup> (Gold Paintstik only)	7440-66-6	1.5

**Product Name:** "ALL WEATHER PAINTSTIK "  
"ALL WEATHER HOT CLIMATE PAINTSTIK"  
"B", "B-3/8", "B-E", "B-16", "C", "E", "F", & "N" PAINTSTIKS  
"LACQUER STIK"

**Revision #:** 2.4

**Date Prepared:** December 7, 1994

**Date Revised:** September 1, 2013

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

This product is non-hazardous as supplied for shipping, handling, and storage. Note that waste rags soaked with this product may spontaneously catch fire if improperly discarded.

### FOR INDUSTRIAL USE ONLY.

### POTENTIAL HEALTH EFFECTS

**Primary Exposure Routes:** Eyes, Ingestion, Inhalation

#### 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.

## 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. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

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

**Other Information:** None.

## Section 5 Fire Fighting Measures

**Product Name:** "ALL WEATHER PAINTSTIK "  
"ALL WEATHER HOT CLIMATE PAINTSTIK"  
"B", "B-3/8", "B-E", "B-16", "C", "E", "F", & "N" PAINTSTIKS  
"LACQUER STIK"

**Revision #:** 2.4

**Date Prepared:** December 7, 1994

**Date Revised:** September 1, 2013

**Flash Point (method):** 400°F/204°C (method not determined)

**Autoignition Temperature:** Not determined.

**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).

## 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 away from incompatible chemicals (see Sec. 10). Store in a cool, dry area.

## Section 8 Exposure Controls/Personal Protection

**Eye/Face Protection:** Safety glasses. Use chemical goggles when marking on hot surfaces. Use a face shield as needed.

**Skin/Hand Protection:** Suitable for related activities where this product is used.

**Respiratory Protection:** Suitable for related activities where this product is used.

**Other Equipment:** Eyewash.

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to control sources of dust or fumes.

**Administrative Controls:** Users of this product must be properly trained and qualified in its use.

**Other Information:** No food or beverage should be consumed in the work area. Wash thoroughly before eating, drinking, or smoking.

## Section 9 Physical and Chemical Properties

**Appearance/Physical State:** Cylindrical crayon/solid

**Odor:** Linseed oil

**Odor Threshold (ppm):** Not Determined.

**Specific Gravity (H<sub>2</sub>O = 1):** >1

**Solubility - Water:** Insoluble

- Fat: Soluble

**Coefficient of Water/Oil Solubility:** <1

**Product Name:** "ALL WEATHER PAINTSTIK "  
"ALL WEATHER HOT CLIMATE PAINTSTIK"  
"B", "B-3/8", "B-E", "B-16", "C", "E", "F", & "N" PAINTSTIKS  
"LACQUER STIK"

**Revision #:** 2.4

**Date Prepared:** December 7, 1994

**Date Revised:** September 1, 2013

**Partition Coefficient (n-octanol/water):** >1

**pH:** Not applicable.

**Melting Point:** Approximately 150°F/66°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. (U.S. Clean Air Act Section 111):** 0%(w/w)

**Flash Point (method):** (see Section 5)

**Autoignition Temperature:** (see Section 5)

**Flammability Classification:** (see Section 5)

**Unusual Fire or Explosion Hazards:** (see Section 5)

**Oxidizing Properties:** Not Applicable.

**Other Information:** None.

**Note:** The physical data represented above are typical values and should not be construed as a specification.

## Section 10 Stability and Reactivity

**Chemical Stability:** Stable

**Hazardous Polymerization:** May Occur

**Conditions to Avoid:** High surface area exposure can result in release of heat while paint is polymerizing (drying). Rags and waste paper containing this product may burn spontaneously. Store wiping rags containing this product in metal containers with tight lids.

**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.

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.

**Ecotoxicity:** Not Determined.

**Degradability:** Not Determined.

**Other Adverse Effects:** Not Determined.

**Accumulation:** Not Determined.

## Section 13 Disposal Considerations

Dispose of in accordance with all applicable regulations.

**Product Name:** "ALL WEATHER PAINTSTIK "  
"ALL WEATHER HOT CLIMATE PAINTSTIK"  
"B", "B-3/8", "B-E", "B-16", "C", "E", "F", & "N" PAINTSTIKS  
"LACQUER STIK"

**Revision #:** 2.4

**Date Prepared:** December 7, 1994

**Date Revised:** September 1, 2013

The conditions of handling, storage, and use of this product are beyond our control and may be beyond our knowledge. For this and other reasons, LA-CO Industries, Inc. does not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.

## Section 14 Transport Information

**D.O.T. (U.S.):** Not Regulated.

**TDG (Canada):** 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 Determined.

## 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 (Prop. 65) 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:** This product is not considered to be hazardous as defined by the U.S. OSHA HCS (29 CFR 1910.1200).

**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® (704) 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).

**Categories of Danger (Labeling Information):** None.

**Risk (R) Phrases:** None.

**Safety (S) Phrases:** None.

### AUSTRALIA

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

**Product Name:** "ALL WEATHER PAINTSTIK "  
"ALL WEATHER HOT CLIMATE PAINTSTIK"  
"B", "B-3/8", "B-E", "B-16", "C", "E", "F", & "N" PAINTSTIKS  
"LACQUER STIK"

**Revision #:** 2.4

**Date Prepared:** December 7, 1994

**Date Revised:** September 1, 2013

**HAZCHEM Code:** None allocated.

**Poisons Schedule Number:** None allocated.

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

HMIS is a registered trademark of the National Paint and Coatings Association.

NFPA is a registered trademark of the National Fire Protection Association.

**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.**

# H-T Paintstik® Blue, White, Yellow

**LA-CO Industries, Inc.**

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
according to Canadian Hazardous Products Regulations (HPR)  
Date of issue: 07/13/2015  
Version: 1.0

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product form : Mixture  
Product name : H-T Paintstik® Blue, White, Yellow

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Marking.

### 1.3. Details of the supplier of the safety data sheet

LA-CO Industries, Inc.  
1201 Pratt Boulevard  
Elk Grove Village, IL. 60007-5746  
Phone: (847) 956-7600  
Fax: (847) 956-9885  
E-mail: customer\_service@laco.com

### 1.4. Emergency telephone number

Emergency number : 24-hour emergency: CHEMTREC- U.S. : 1-800-424-9300 International: +1-703-527-3887

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification in accordance with the Globally Harmonized Standard

Eye Irrit. 2A H319  
Skin Sens. 1 H317  
Aquatic Chronic 3 H412

Full text of classification categories and H statements : see section 16

### 2.2. Label elements

#### GHS-US labelling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) :

Warning

Hazard statements (GHS-US) :

H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation  
H412 - Harmful to aquatic life with long lasting effects

Precautionary statements (GHS-US) :

P261 - Avoid breathing dust, fume  
P264 - Wash hands thoroughly after handling  
P272 - Contaminated work clothing must not be allowed out of the workplace  
P273 - Avoid release to the environment  
P280 - Wear protective gloves, eye protection  
P302+P352 - If on skin: Wash with plenty of water  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P321 - Specific treatment (see First aid measures on this label)  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention  
P337+P313 - If eye irritation persists: Get medical advice/attention  
P363 - Wash contaminated clothing before reuse  
P501 - Dispose of contents/container to an authorised waste collection point

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients



# H-T Paintstik® Blue, White, Yellow

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
according to Canadian Hazardous Products Regulations (HPR)

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	% (w/w)	GHS-US classification
2,4,7,9-Tetramethyl-5-decyne-4,7-diol ethoxylate	(CAS No) 9014-85-1	0.52 – 0.8 Blue 0.45 – 0.7 White 0.51 – 0.78 Yellow	Eye Dam. 1, H318 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
2,4,7,9-tetramethyldec-5-yne-4,7-diol	(CAS No) 126-86-3	0.52 – 0.8 Blue 0.45 – 0.7 White 0.2 – 0.7 Yellow	Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact	: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after skin contact	: May cause an allergic skin reaction.
Symptoms/injuries after eye contact	: Causes serious eye irritation.

### 4.3. Indication of any immediate medical attention and special treatment needed

All treatments should be based on observed signs and symptoms of distress in the patient.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide. Dry powder. Foam. Water fog.
Unsuitable extinguishing media	: None known.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: No particular fire or explosion hazard.
Reactivity	: No dangerous reactions known.

### 5.3. Advice for firefighters

Firefighting instructions	: Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus. Wear fire/flame resistant/retardant clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Avoid creating or spreading dust.
------------------	-------------------------------------

#### 6.1.1. For non-emergency personnel

Protective equipment	: Chemical goggles or safety glasses. Wear suitable gloves.
Emergency procedures	: Evacuate unnecessary personnel.

#### 6.1.2. For emergency responders

Protective equipment	: Chemical goggles or safety glasses. Wear suitable gloves.
Emergency procedures	: Ventilate area.

### 6.2. Environmental precautions

Avoid release to the environment. Do not discharge into drains or the environment.

# H-T Paintstik® Blue, White, Yellow

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
according to Canadian Hazardous Products Regulations (HPR)

### 6.3. Methods and material for containment and cleaning up

For containment : Contain and collect as any solid.  
Methods for cleaning up : On land, sweep or shovel into suitable containers.

### 6.4. Reference to other sections

Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid breathing dust, fume.  
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Always wash your hands immediately after handling this product, and once again before leaving the workplace.

### 7.2. Conditions for safe storage, including any incompatibilities

Incompatible products : Bases. acid. Strong oxidizers.  
Incompatible materials : Sources of ignition.  
Heat and ignition sources : Keep away from heat, sparks and flame.  
Prohibitions on mixed storage : Incompatible materials.  
Storage area : Store in dry, cool, well-ventilated area.

### 7.3. Specific end use(s)

Marking.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

H-T Paintstik® Blue, White, Yellow	
ACGIH	Not applicable
OSHA	Not applicable
2,4,7,9-Tetramethyl-5-decyne-4,7-diol ethoxylate (9014-85-1)	
ACGIH	Not applicable
OSHA	Not applicable
2,4,7,9-tetramethyldec-5-yne-4,7-diol (126-86-3)	
ACGIH	Not applicable
OSHA	Not applicable

### 8.2. Exposure controls

Appropriate engineering controls : Avoid dispersal of dust in the air (ie, clearing dust surfaces with compressed air). Ensure good ventilation of the work station.  
Personal protective equipment : Avoid all unnecessary exposure.  
Hand protection : Wear dust impervious gloves. Use rubber gloves.  
Eye protection : Chemical goggles or safety glasses.  
Skin and body protection : Long sleeved protective clothing.  
Respiratory protection : In case of inadequate ventilation wear respiratory protection. Use air-purifying respirator equipped with particulate filtering cartridges.  
Other information : Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Solid  
Appearance : A solid crayon-like marker.  
Colour : Variable.  
Odour : No data available  
Odour threshold : No data available  
pH : No data available  
Relative evaporation rate (butyl acetate=1) : No data available

# H-T Paintstik® Blue, White, Yellow

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
according to Canadian Hazardous Products Regulations (HPR)

Melting point	: 120 °C
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 93 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

VOC content : 0 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Contact with incompatible materials. Keep away from sources of ignition.

### 10.5. Incompatible materials

Acids. Bases. Strong oxidizers.

### 10.6. Hazardous decomposition products

Thermal decomposition generates : Organic acids. Aldehydes. alcohols. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

2,4,7,9-Tetramethyl-5-decyne-4,7-diol ethoxylate (9014-85-1)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 2 mg/l/4h

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

2,4,7,9-Tetramethyl-5-decyne-4,7-diol ethoxylate (9014-85-1)	
NOAEL (subacute, oral, animal/male, 28 days)	200 mg/kg bodyweight

# H-T Paintstik® Blue, White, Yellow

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
according to Canadian Hazardous Products Regulations (HPR)

**Aspiration hazard** : Not classified

### Potential adverse human health effects and symptoms

Symptoms/injuries after skin contact : May cause an allergic skin reaction.

Symptoms/injuries after eye contact : Causes serious eye irritation.

Likely routes of exposure : Skin and eye contact; Inhalation

## SECTION 12: Ecological information

### 12.1 Toxicity

Ecology - water : Harmful to aquatic life with long lasting effects.

#### 2,4,7,9-Tetramethyl-5-decyne-4,7-diol ethoxylate (9014-85-1)

LC50 fish 1	52.5 mg/l juvenile S. maximus
EC50 Daphnia 1	166 mg/l
ErC50 (algae)	15 mg/l
NOEC chronic algae	1 mg/l

### 12.2 Persistence and degradability

#### H-T Paintstik® Blue, White, Yellow

Persistence and degradability	May cause long-term adverse effects in the environment.
-------------------------------	---

#### 2,4,7,9-Tetramethyl-5-decyne-4,7-diol ethoxylate (9014-85-1)

Persistence and degradability	Not readily biodegradable.
-------------------------------	----------------------------

### 12.3 Bioaccumulative potential

#### 2,4,7,9-Tetramethyl-5-decyne-4,7-diol ethoxylate (9014-85-1)

Bioconcentration factor (BCF REACH)	< 24
Bioaccumulative potential	Not expected to bioaccumulate.

### 12.4 Mobility in soil

No additional information available

### 12.5 Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Sewage disposal recommendations : Do not dispose of waste into sewer.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with DOT and TDG

Not considered a dangerous good for transport regulations

Proper Shipping Name (ADR) : Not applicable

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### Ethoxylated acetylene diols (9014-85-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory
---

#### 2,4,7,9-tetramethyldec-5-yne-4,7-diol (126-86-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory
---

### 15.2. International regulations

#### CANADA

#### Ethoxylated acetylene diols (9014-85-1)

Listed on the Canadian DSL (Domestic Substances List) inventory.
--

# H-T Paintstik® Blue, White, Yellow

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
according to Canadian Hazardous Products Regulations (HPR)

### 2,4,7,9-tetramethyldec-5-yne-4,7-diol (126-86-3)

Listed on the Canadian DSL (Domestic Substances List) inventory.

### EU-Regulations

#### Ethoxylated acetylene diols (9014-85-1)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

#### 2,4,7,9-tetramethyldec-5-yne-4,7-diol (126-86-3)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

### National regulations

#### H-T Paintstik® Blue, White, Yellow

All components are listed on the EEC inventory European Inventory of Existing Commercial Chemical Substances (EINECS).

All ingredients are listed in the Toxic Substances Control Act (TSCA).

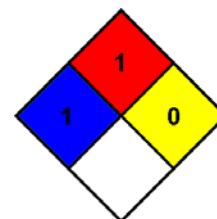
All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

### 15.3. US State regulations

No additional information available

## SECTION 16: Other information

Indication of changes	: Original Document.
Data sources	: ACGIH (American Conference of Government Industrial Hygienists). European Chemicals Agency (ECHA) C&L Inventory database. Accessed at <a href="http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database">http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database</a> . Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition. National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th edition. OSHA 29CFR 1910.1200 Hazard Communication Standard. TSCA Chemical Substance Inventory. Accessed at <a href="http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html">http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html</a> .
Abbreviations and acronyms	: ATE: Acute Toxicity Estimate. CAS (Chemical Abstracts Service) number. CLP: Classification, Labelling, Packaging. EC50: Environmental Concentration associated with a response by 50% of the test population. GHS: Globally Harmonized System (of Classification and Labeling of Chemicals). LD50: Lethal Dose for 50% of the test population. OSHA: Occupational Safety & Health Administration. PBT: Persistent, Bioaccumulative, Toxic. TWA: Time Weight Average. TSCA: Toxic Substances Control Act.
Other information	: None.
NFPA health hazard	: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard	: 1 - Must be preheated before ignition can occur.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and not reactive with water.



### Full text of H-statements:

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Acute 3	Hazardous to the aquatic environment — Acute Hazard, Category 3
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Skin Sens. 1	Sensitisation — Skin, category 1
H317	May cause an allergic skin reaction
H318	Causes serious eye damage

# H-T Paintstik® Blue, White, Yellow

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
according to Canadian Hazardous Products Regulations (HPR)

H319	Causes serious eye irritation
H400	Very toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

**SDS Prepared by:** The Redstone Group, LLC  
6077 Frantz Rd.  
Suite 206  
Dublin, OH USA 43016  
T 614-923-7472  
[www.redstonegrp.com](http://www.redstonegrp.com)

LACO NA GHS SDS

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*

# ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Black, Blue, Fluorescent Green, Fluorescent Orange, Fluorescent Pink, Fluorescent Tangerine, Fluorescent Yellow, Green, Emerald Green, Light Blue, Orange, Purple, White, Yellow; HC ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Blue, Fluorescent Green, Fluorescent Pink, Green, Emerald Green, Orange

LA-CO Industries, Inc.

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
according to Canadian Hazardous Products Regulations (HPR)  
Date of issue: 11/04/2015

Version: 1.0

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product form : Mixture  
Trade name : ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Black, Blue, Fluorescent Green, Fluorescent Orange, Fluorescent Pink, Fluorescent Tangerine, Fluorescent Yellow, Green, Emerald Green, Light Blue, Orange, Purple, White, Yellow; HC ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Blue, Fluorescent Green, Fluorescent Pink, Green, Emerald Green, Orange

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Marking.

### 1.3. Details of the supplier of the safety data sheet

LA-CO Industries, Inc.  
1201 Pratt Boulevard  
Elk Grove Village, IL. 60007-5746  
Phone: (847) 956-7600  
Fax: (847) 956-9885  
E-mail: customer\_service@laco.com

### 1.4. Emergency telephone number

Emergency number : 24-hour emergency: CHEMTREC- U.S. : 1-800-424-9300 International: +1-703-527-3887

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification in accordance with the Globally Harmonized Standard

Not classified

### 2.2. Label elements

#### GHS-US labelling

No labelling applicable

### 2.3. Other hazards

### 2.4. Unknown acute toxicity (GHS US)

35.72 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)  
36.72 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
36.25 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	% (w/w)	GHS-US classification
Silicon dioxide (cristobalite)	(CAS No) 14808-60-7	0 – 0.89 HC Fluorescent Pink, HC Orange 0 – 0.98 Orange 0 – 0.91 Fluorescent Pink 0 – 0.99 Green 0 – 0.99 Blue, HC Blue	Carc. 1A, H350
Carbon black	(CAS No) 1333-86-4	1.7 Black	Carc. 2, H351

Full text of H-statements: see section 16

# ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Black, Blue, Fluorescent Green, Fluorescent Orange, Fluorescent Pink, Fluorescent Tangerine, Fluorescent Yellow, Green, Emerald Green, Light Blue, Orange, Purple, White, Yellow; HC ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Blue, Fluorescent Green, Fluorescent Pink, Green, Emerald Green, Orange

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
according to Canadian Hazardous Products Regulations (HPR)

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Gently wash with plenty of soap and water.
First-aid measures after eye contact	: In case of contact, immediately flush eyes with plenty of water.
First-aid measures after ingestion	: Get medical advice/attention if you feel unwell.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries	: None known.
-------------------	---------------

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: None known.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: No particular fire or explosion hazard.
Reactivity	: No dangerous reactions known.

#### 5.3. Advice for firefighters

Firefighting instructions	: Use extinguishing media appropriate for surrounding fire.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Wear a self contained breathing apparatus. Wear fire/flame resistant/retardant clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Avoid contact with skin and eyes.
------------------	-------------------------------------

##### 6.1.1. For non-emergency personnel

Protective equipment	: Wear suitable gloves.
Emergency procedures	: Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment	: Wear suitable gloves.
Emergency procedures	: Ventilate area.

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

For containment	: Contain and collect as any solid.
Methods for cleaning up	: Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting.

#### 6.4. Reference to other sections

Section 7: safe handling.



# ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Black, Blue, Fluorescent Green, Fluorescent Orange, Fluorescent Pink, Fluorescent Tangerine, Fluorescent Yellow, Green, Emerald Green, Light Blue, Orange, Purple, White, Yellow; HC ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Blue, Fluorescent Green, Fluorescent Pink, Green, Emerald Green, Orange

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
according to Canadian Hazardous Products Regulations (HPR)

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes.  
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use.  
Incompatible products : Strong acids. Strong oxidizers.  
Prohibitions on mixed storage : Incompatible materials.  
Storage area : Store in dry, cool, well-ventilated area.

#### 7.3. Specific end use(s)

Marking.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

**ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Black, Blue, Fluorescent Green, Fluorescent Orange, Fluorescent Pink, Fluorescent Tangerine, Fluorescent Yellow, Green, Emerald Green, Light Blue, Orange, Purple, White, Yellow; HC ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Blue, Fluorescent Green, Fluorescent Pink, Green, Emerald Green, Orange**

ACGIH	Not applicable
OSHA	Not applicable

##### Carbon black (1333-86-4)

ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	3.5 mg/m <sup>3</sup>
ACGIH	Remark (ACGIH)	Bronchitis
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	3.5 mg/m <sup>3</sup>
Canada (Quebec)	VEMP (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (Fibres de carbone et de graphite; Poussière totale) 5 mg/m <sup>3</sup> (Fibres de carbone et de graphite; Poussière respirable) 3.5 mg/m <sup>3</sup>

##### Silicon dioxide (cristobalite) (14808-60-7)

ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.025 mg/m <sup>3</sup>
ACGIH	Remark (ACGIH)	(respirable dust)
OSHA	OSHA PEL (TWA) (ppm)	250 mppcf
OSHA	Remark (OSHA)	(3) See Table Z-3.
Canada (Quebec)	VEMP (mg/m <sup>3</sup> )	0.1 mg/m <sup>3</sup>
Canada (Quebec)	Notations and remarks	(la poussière respirable), (C2)

#### 8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Hand protection : Use rubber gloves.  
Eye protection : None under normal use.  
Respiratory protection : None under normal use.  
Other information : Do not eat, drink or smoke when using this product.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state : Solid

# ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Black, Blue, Fluorescent Green, Fluorescent Orange, Fluorescent Pink, Fluorescent Tangerine, Fluorescent Yellow, Green, Emerald Green, Light Blue, Orange, Purple, White, Yellow; HC ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Blue, Fluorescent Green, Fluorescent Pink, Green, Emerald Green, Orange

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
according to Canadian Hazardous Products Regulations (HPR)

Appearance	: A solid crayon-like marker.
Colour	: Variable.
Odour	: odourless.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

VOC content : 0 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Heat.

### 10.5. Incompatible materials

Strong acids. Strong oxidizing agents.

### 10.6. Hazardous decomposition products

Carbon oxides (CO, CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

Carbon black (1333-86-4)	
LD50 oral rat	> 8000 mg/kg
LC50 inhalation rat (mg/l)	> 4.6 mg/m <sup>3</sup> 4 h

Skin corrosion/irritation : Not classified

# ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Black, Blue, Fluorescent Green, Fluorescent Orange, Fluorescent Pink, Fluorescent Tangerine, Fluorescent Yellow, Green, Emerald Green, Light Blue, Orange, Purple, White, Yellow; HC ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Blue, Fluorescent Green, Fluorescent Pink, Green, Emerald Green, Orange

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
according to Canadian Hazardous Products Regulations (HPR)

<b>Serious eye damage/irritation</b>	: Not classified.
<b>Respiratory or skin sensitisation</b>	: Not classified.
<b>Germ cell mutagenicity</b>	: Not classified
<b>Carcinogenicity</b>	: Not classified.

<b>Carbon black (1333-86-4)</b>	
IARC group	2B - Possibly carcinogenic to humans, Inhalation of dust
National Toxicology Program (NTP) Status	Not listed in carcinogenicity class

<b>Silicon dioxide (cristobalite) (14808-60-7)</b>	
IARC group	1 - Carcinogenic to humans, Inhalation of dust

<b>Reproductive toxicity</b>	: Not classified.
<b>Specific target organ toxicity (single exposure)</b>	: Not classified
<b>Specific target organ toxicity (repeated exposure)</b>	: Not classified
<b>Aspiration hazard</b>	: Not classified
<b>Potential adverse human health effects and symptoms</b>	
Likely routes of exposure	: Inhalation;Skin and eye contact

## SECTION 12: Ecological information

### 12.1 Toxicity

No additional information available

### 12.2. Persistence and degradability

<b>Carbon black (1333-86-4)</b>	
Persistence and degradability	Not readily biodegradable.

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Sewage disposal recommendations	: Do not dispose of waste into sewer.
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.

## SECTION 14: Transport information

In accordance with DOT and TDG

Not considered a dangerous good for transport regulations

Proper Shipping Name (ADR)	: Not applicable
Transport hazard class(es) (ADR)	:

### Transport by sea

Transport hazard class(es) (IMDG)	:
-----------------------------------	---

### Air transport

Transport hazard class(es) (IATA)	:
-----------------------------------	---

# ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Black, Blue, Fluorescent Green, Fluorescent Orange, Fluorescent Pink, Fluorescent Tangerine, Fluorescent Yellow, Green, Emerald Green, Light Blue, Orange, Purple, White, Yellow; HC ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Blue, Fluorescent Green, Fluorescent Pink, Green, Emerald Green, Orange

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
according to Canadian Hazardous Products Regulations (HPR)

### SECTION 15: Regulatory information

#### 15.1. US Federal regulation

##### Carbon black (1333-86-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

##### Silicon dioxide (cristobalite) (14808-60-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### 15.2. International regulations

##### CANADA

##### Carbon black (1333-86-4)

Listed on the Canadian DSL (Domestic Substances List) inventory.

##### Silicon dioxide (cristobalite) (14808-60-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

##### EU-Regulations

##### Carbon black (1333-86-4)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

##### Silicon dioxide (cristobalite) (14808-60-7)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

##### National regulations

**ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Black, Blue, Fluorescent Green, Fluorescent Orange, Fluorescent Pink, Fluorescent Tangerine, Fluorescent Yellow, Green, Emerald Green, Light Blue, Orange, Purple, White, Yellow; HC ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Blue, Fluorescent Green, Fluorescent Pink, Green, Emerald Green, Orange**

All components are listed on the EEC inventory European Inventory of Existing Commercial Chemical Substances (EINECS).

All ingredients are listed in the Toxic Substances Control Act (TSCA).

All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

#### 15.3. US State regulations

**ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Black, Blue, Fluorescent Green, Fluorescent Orange, Fluorescent Pink, Fluorescent Tangerine, Fluorescent Yellow, Green, Emerald Green, Light Blue, Orange, Purple, White, Yellow; HC ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Blue, Fluorescent Green, Fluorescent Pink, Green, Emerald Green, Orange**

State or local regulations

California Prop. 65 warnings are not required.  
The carbon black in this product is bound and is not respirable.

##### Carbon black (1333-86-4)

U.S. - California -  
Proposition 65 -  
Carcinogens List

U.S. - California -  
Proposition 65 -  
Developmental Toxicity

U.S. - California -  
Proposition 65 -  
Reproductive Toxicity -  
Female

U.S. - California -  
Proposition 65 -  
Reproductive Toxicity -  
Male

Non-significant  
risk level (NSRL)

Yes

No

No

No

##### Carbon black (1333-86-4)

U.S. - New Jersey - Right to Know Hazardous Substance List

##### Silicon dioxide (cristobalite) (14808-60-7)

U.S. - New Jersey - Right to Know Hazardous Substance List

### SECTION 16: Other information

Indication of changes

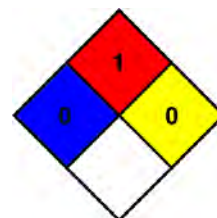
: Original Document.

# ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Black, Blue, Fluorescent Green, Fluorescent Orange, Fluorescent Pink, Fluorescent Tangerine, Fluorescent Yellow, Green, Emerald Green, Light Blue, Orange, Purple, White, Yellow; HC ALL-WEATHER® PAINTSTIK® LIVESTOCK MARKER Blue, Fluorescent Green, Fluorescent Pink, Green, Emerald Green, Orange

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
according to Canadian Hazardous Products Regulations (HPR)

Data sources	: ACGIH (American Conference of Government Industrial Hygienists). European Chemicals Agency (ECHA) C&L Inventory database. Accessed at <a href="http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database">http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database</a> . Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition. National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th edition. OSHA 29CFR 1910.1200 Hazard Communication Standard. TSCA Chemical Substance Inventory. Accessed at <a href="http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html">http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html</a> .
Abbreviations and acronyms	: ATE: Acute Toxicity Estimate. CAS (Chemical Abstracts Service) number. CLP: Classification, Labelling, Packaging. EC50: Environmental Concentration associated with a response by 50% of the test population. GHS: Globally Harmonized System (of Classification and Labeling of Chemicals). LD50: Lethal Dose for 50% of the test population. OSHA: Occupational Safety & Health Administration. PBT: Persistent, Bioaccumulative, Toxic. TWA: Time Weight Average. TSCA: Toxic Substances Control Act.
Other information	: None.
NFPA health hazard	: 0 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.
NFPA fire hazard	: 1 - Must be preheated before ignition can occur.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and not reactive with water.



### Full text of H-statements:

Carc. 1A	Carcinogenicity, Category 1A
Carc. 2	Carcinogenicity, Category 2
H350	May cause cancer
H351	Suspected of causing cancer

**SDS Prepared by:** The Redstone Group, LLC  
6077 Frantz Rd.  
Suite 206  
Dublin, OH USA 43016  
T 614-923-7472  
[www.redstonegrp.com](http://www.redstonegrp.com)

LACO NA GHS SDS

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*