

SAFETY DATA SHEET

Section 1: Product and Company Identification

Product Name: All Weather Stock Shot – Purple, Green, Blue, Red

Product Code: 1 Pint Containers: 61155 (Red), 61156 (Green), 61157 (Blue), 61158 (Purple),
 1 Gallon Containers: 61097 (Ready to use Purple)





Product Use: Livestock marking paint

Supplier: LA-CO Industries, Inc.
 1201 Pratt Boulevard
 Elk Grove Village, IL.
 60007-5746

Phone: (847) 956-7600
 Fax: (847) 956-9885
 E-mail Contact: customer_service@laco.com

24-hour Emergency: CHEMTREC: (800) 424-9300

Section 2: Hazards Identification

Protective Clothing	NFPA Rating (USA)	EC Classification	WHMIS (Canada)	Transport
		R10: Flammable  Irritant	 B3 D2B	Not regulated

Emergency Overview: Combustible liquid. Irritating to eyes, respiratory system and skin. May be harmful if swallowed.

Appearance, Color and Odor: Various colored liquid paint; faint odor of alcohol.

USA: This product is a hazardous material as defined by 29 CFR1910.1200, OSHA Hazard Communication Evaluation.

Canada: This is a controlled product under WHMIS.

European Communities (EC): This product is classified as dangerous according to Directive 1999/45/EC and its amendments. Classification: Flammable; Irritant

Potential Health Effects

ACUTE (short term):

Relevant Route(s) of Exposure: Skin, Eye contact.

Inhalation: Inhalation of high concentrations of vapors may cause respiratory tract irritation. Extreme over-exposure may cause symptoms of central nervous system effects characterized by nausea, headache and dizziness.

Ingestion: Not an expected route of occupational exposure. Accidental swallowing may cause symptoms similar to alcohol intoxication. Product contains a small amount of methanol which can cause severe vision effects. Symptoms of poisoning include increased sensitivity to light, blurred vision, and blindness may develop following an 8-24 hour symptom-free period.

Skin: The liquid may cause irritation when in contact with the skin.

Eye: Contact with the eyes will cause moderate to severe eye irritation. High vapor concentrations may cause mild eye irritation.

CHRONIC (long term): see Section 11 for additional toxicological data

Prolonged or repeated contact with of the liquid to skin may result in defatting and drying of skin and may result in dermatitis.

Over-exposure to methanol by ingestion may cause damage to the eyes and central nervous system.

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Section 2: Hazards Identification, continued

Medical Conditions Aggravated by Exposure: Preexisting skin disorders may be aggravated by repeated exposure to the product.

Interactions With Other Chemicals: Not available

Potential Environmental Effects: Not available

Section 3: Composition / Information on Ingredients

Hazardous/Dangerous Ingredients:

<u>Ingredient Name</u>	<u>CAS No.</u>	<u>Wt.%</u>	<u>EINECS / ELINCS</u>	<u>Symbol</u>	<u>Risk Phrases</u>
Ethanol	64-17-5	10-15	200-578-6	F	R11
Methanol	67-56-1	0.5-0.9	200-659-6	F; T	R11; R23/24/25-39/23/24/25

See Section 16 for the full text of the R-phrases above.

Section 4: First Aid Measures

Inhalation: If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.

Eye Contact: No effects expected. If irritation occurs, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.

Skin Contact: No health effects expected. If irritation does occur, flush with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.

Ingestion: If swallowed, obtain medical attention or call a poison control centre immediately.

Section 5: Fire Fighting Measures

Flammable Properties: Liquid contained within the products is combustible.

Suitable extinguishing Media: For small fires, use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. For large fires, use carbon dioxide, dry chemical powder, alcohol-resistant foam or polymer foam. Firefighting foams are the extinguishing agent of choice for most flammable liquid fires. Use water spray to cool fire-exposed containers.

Unsuitable extinguishing Media: Not available

Explosion Data

Sensitivity to Mechanical Impact: Not applicable

Sensitivity to Static Discharge: Not applicable

Specific Hazards arising from the Chemical: If involved in a fire, combustion may produce toxic and irritating fumes and gases.

Protective Equipment and precautions for firefighters: Self-contained breathing apparatus and protective clothing should be worn. Remove all unprotected personnel.

NFPA

Health:	1
Flammability:	2
Instability:	0

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Section 6: Accidental Release Measures

- Personal Precautions:** If large volumes of liquid are released, wear protective gloves, goggles and clothing. Ventilate the area. Monitor the workplace air for harmful concentrations of vapors and take appropriate precautions if concentrations in air exceed workplace exposure limits.
- Environmental Precautions:** Prevent the product from entering sewers or waterways.
- Methods for Containment:** If large volumes of liquid are released, stop the leak if it is safe to do so. Contain spilled liquid with earth, sand, or absorbent material which does not react with spilled material.
- Methods for Clean-up:** Clean up spills immediately. Shut off or extinguish all sources of ignition. Immediately soak spilled material with water. Soak up spill with absorbent material which does not react with spilled chemical. Put material in suitable, covered, labeled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Dispose of any contaminated, unusable product as described in Section 13 of this SDS.

Section 7: Handling and Storage

- Handling:** Avoid breathing vapors. Do not use near sources of extreme heat. Keep out of reach of children.
- Storage:** Store out of direct sunlight and away from heat, flames and ignition sources. Keep products closed when not in use.

Section 8: Exposure Controls/Personal Protection

Exposure Guidelines

Measurable airborne concentrations of the component substances, listed in Section 3, are not expected when the products are used for their intended purpose and according to the label directions. Consult local authorities for acceptable exposure limits.

<u>Ingredient</u>	<u>ACGIH TLV</u> <u>(8-hr. TWA)</u> <u>(mg/m³)</u>	<u>U.S. OSHA PEL</u> <u>(8-hr. TWA)</u> <u>(mg/m³)</u>	<u>Ontario (Canada)</u> <u>TWAEV</u> <u>(mg/m³)</u>	<u>UK OEL</u> <u>(8-hr. TWA)</u> <u>(mg/m³)</u>
Ethanol	1000 ppm	1900 mg/m ³ (1000 ppm)	1900 mg/m ³ (1000 ppm)	1920 mg/m ³ (1000 ppm)
Methanol	200 ppm, Skin 250 ppm STEL*	260 (200 ppm), Skin 250 ppm STEL*	260 (200 ppm), Skin 325 (250 ppm) STEV**	200 ppm (255 mg/m ³), STEL* 250 ppm, Skin

Exposure Controls

- Engineering Controls:** Provide adequate ventilation to keep vapor concentrations below the exposure limits listed above. When there is large scale use of this material, local exhaust ventilation with or without process enclosure may be necessary. Use a non-sparking, grounded ventilation system separate from other exhaust ventilation systems.
- Personal Protection:**
- Eye/Face Protection:** Wear safety glasses or goggles.
- Skin Protection:** Wear appropriate gloves to prevent repeated and/or prolonged skin contact.
- Respiratory Protection:** Not required for normal use. If engineering controls and work practices are not effective in controlling exposure to this material, then wear suitable personal protection equipment including approved respiratory protection. Have appropriate equipment available for use in emergencies such as spills or fire.
- General Hygiene Measures:** Avoid breathing vapors. Do not ingest. Avoid contact of the liquid to skin and eyes. Keep out of reach of children. Keep container tightly closed when not in use.

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Section 9: Physical and Chemical Properties

Physical State:	Liquid	Flash Point & method:	43 °C (110 °F)
Appearance, Color and Odor:	Purple, Green, Blue, Red; Faint alcohol odor.	Autoignition Temperature:	Not available
Odor Threshold:	Not available	Flammability Limits in Air:	Not available
pH:	7	Vapor Pressure:	<0.4
Specific Gravity:	1.0	Vapor Density:	Not available
Partition coefficient:	>1 (water/oil)	Evaporation Rate:	<0.02
Solubility:	Soluble in water	Boiling Point/Range:	212°F (100°C)
Viscosity:	Similar to water	Freezing Point:	32°F (0°C)

Section 10: Stability and Reactivity

Chemical Stability:	Stable at normal room temperature.
Conditions to Avoid:	Do not use in conditions of extreme heat or near open flames.
Incompatible Materials:	Avoid contact with the following incompatible materials: Strong oxidizing agents, acids, ammonia.
Hazardous Decomposition Products:	Not applicable
Possibility of Hazardous Reactions:	Not applicable

Section 11: Toxicological Information

Acute Toxicity Data

<u>Ingredient</u>	<u>LD₅₀ Oral</u> (mg/kg)	<u>LD₅₀ Dermal</u> (mg/kg)	<u>LC₅₀ Inhalation</u> (mg/m ³ , 4 hrs.)
Ethanol	7 060 (rat)	Not available	39 000 (mouse)
Methanol	3 000 (monkey)	15 800 (rabbit)	64 000 (rat)

Other Toxicity Data

Carcinogenicity:	Occupational exposure to ethanol has not been associated with carcinogenicity. The International Agency for Research on Cancer (IARC) has classified alcoholic beverages as carcinogenic to humans (Group 1); oral exposure to alcoholic beverages containing ethanol is not relevant to occupational exposures.
Irritation:	Liquid may cause mild to moderate irritation in contact with eyes and skin. High concentrations of vapors may cause irritation to the eyes and respiratory system.
Corrosivity:	Not applicable
Sensitization:	Not applicable
Neurological Effects:	Not applicable with normal use of the product.
Genetic Effects:	Not applicable with normal use of the product.
Reproductive Effects:	Not applicable with normal use of the product.
Developmental Effects:	Ingestion of ethanol and methanol is considered hazardous to developing fetuses.
Target Organ Effects:	Not applicable with normal use of the product.

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Section 12: Ecological Information

Ecotoxicity: Not available
Persistence/Degradability: Not available
Bioaccumulation/Accumulation: Not available
Mobility: Not available

Section 13: Disposal Considerations

Waste Disposal Method: Do NOT dump into any sewers, on the ground or into any body of water. Store material for disposal as indicated in Section 7 Handling and Storage. The conditions of use, storage and disposal 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.

USA: Dispose of in accordance with local, state and federal laws and regulations.
Canada: Dispose of in accordance with local, provincial and federal laws and regulations.
EC: Waste must be disposed of in accordance with relevant EC Directives and national, regional and local environmental control regulations. For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

Section 14: Transport Information:

U.S. Hazardous Materials Regulation (DOT 49CFR): Conforms to Exception for Class 3 (flammable and combustible liquids) 49 CFR 173.150E An aqueous solution containing 24 percent or less alcohol by volume and no other hazardous material.

Canadian Transportation of Dangerous Goods (TDG): Not regulated - Section 1.36, Aqueous Solution of Alcohol Exemption.

IMDG: Not regulated - Aqueous solution containing not more than 24% alcohol by volume.

ICAO/IATA: Special provision A58 - Aqueous solution containing 24% or less alcohol by volume.

Section 15: Regulatory Information

USA

TSCA Status: All component substances are listed on the TSCA inventory.

SARA Title III
 Sec. 302/304: None
 Sec: 311/312: Combustible; Immediate health hazard; Delayed health hazard
 Sec. 313: None
 CERCLA RQ: Not applicable; Methanol 5000 lbs

Canada

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*.

WHMIS Classification: B3 – Combustible Liquid
 (for workplace exposures) D2B – Material Causing Other Toxic Effects (Toxic). Due to eye, skin and respiratory irritation.

New Substance Notification Regulations: All component substances are listed on Canada's Domestic Substances List (DSL).

NPRI Substances: 2-Propanol is listed as an NPRI reportable substance.

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EC Classification for the Substance/Preparation

European Inventories: All component substances are listed in EINECS.

Symbol:



Irritant

R10: Flammable.

R36/37/38: Irritating to eyes, respiratory system and skin.

S2: Keep out of reach of children.

S7: Keep containers tightly closed.

S16: Keep away from sources of ignition – No smoking.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S46: If swallowed, seek medical advice immediately and show this container or label.

Section 16: Other Information

**Full Text of R-phrases appearing in
Section 3:**

R11: Highly flammable

R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

R39/23/24/25: Toxic: danger of irreversible effects through inhalation, in contact with skin and if swallowed.

Preparation Information:

Revision Date:

October 21, 2011

Manufacturer Disclaimer:

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Prepared by:

LEHDER Environmental Services Limited (519) 336-4101
www.lehder.com

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