



SAFETY DATA SHEET (SDS)

Compliant with OSHA Hazard Communication Standard as defined in 29 CFR 1910.1200.
Prepared to UN-GHS Revision 3.

Revised on 22 October 2013

1) PRODUCT AND COMPANY INFORMATION

Product identifier:

Trade name: Prima Glo & Prima Spray On & Prima Marc (paint)

Product Description: Livestock marking paint

Emergency telephone number:







Please call Chemtrec at 1-800-424-9300

Manufacturer/Supplier:

Prima Tech USA
P.O. Box 336, Kenansville, NC 28349
Phone: 1-910-296-6116
Fax: 1-910-296-0306
Toll-free: 1-888-833-7099
www.primatechusa.com
info@PrimaTechUSA.com

2) HAZARD IDENTIFICATION

▪ Hazard classifications of the chemical

 <p>WARNING Skin irritation, category 2 <u>Causes skin irritation</u> Wear protective gloves. IF ON SKIN: Wash with plenty of water. Seek medical advice if irritation persists. Take off contaminated clothing and wash before reuse.</p>	 <p>WARNING Eye irritation, category 2A <u>Causes serious eye irritation</u> IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical advice if irritation persists.</p>	 <p>WARNING Specific target organ toxicity (single exposure), category 3 <u>May cause drowsiness or dizziness</u> IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.</p>
 <p>DANGER Aspiration hazard, category 1 <u>May be fatal if swallowed and enters airways</u> IF SWALLOWED: Immediately call a POISON CONTROL CENTER. Do NOT induce vomiting.</p>	 <p>DANGER Flammable aerosol, category 1 <u>Extremely flammable aerosol</u> Keep away from heat, sparks, open flames, and hot surfaces—No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F</p>	 <p>WARNING Dissolved gas <u>Contains gas under pressure; may explode if heated</u> Protect from sunlight. Store in a well- ventilated place.</p>

(continued on page 2)

(continued from page 1)

NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme (Scale 0-4)	
NFPA:	
	HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 0
HMIS:	
HEALTH	1
FIRE	3
REACTIVITY	0

KEEP OUT OF REACH OF CHILDREN

3) Composition/Information on Ingredients

- Dangerous components of the mixture***

Chemical name:	Identifier:	Concentration:
Acetone	CAS: 67-64-1	15-40%
Heptane	CAS: 142-82-5	10-30%
Isobutane/Propellant blend	CAS: 68476-86-8	15-40%

*Mixture contains additional chemicals that are not considered hazardous and are not included on SDS

4) FIRST-AID MEASURES

- GENERAL ADVICE:** Have SDS or product label if medical advice is needed. Seek a medical professional or doctor if you feel unwell or if irritation(s) persist.
- IF SWALLOWED:** Do **NOT** induce vomiting. Call a POISON CONTROL CENTER or doctor immediately. Never give anything by mouth to an unconscious person. May be fatal if swallowed and enters airways.
- IF INHALED:** Remove person to fresh air and keep at rest in a position comfortable for breathing. Victim may experience dizziness or drowsiness—do not operate machinery or drive if inhaled and dizziness persists. If not breathing or breathing is difficult, administer artificial respiration and/or oxygen as needed--seek medical aid if person can not breathe or has difficulty breathing.
- IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do—continue rinsing. Victim may experience serious eye irritation. Consult a doctor if irritation persists.
- IF ON SKIN:** Wash with plenty of water. Take off contaminated clothing and wash before reuse. Victim may experience skin irritation. Consult a doctor if irritation persists.

5) FIRE-FIGHTING MEASURES

- **EXTINGUISHING METHODS:** Dry chemical, sand, or carbon dioxide after spray has stopped.
- **IF EXTINGUISHING METHODS ARE UNAVAILABLE:** Cool container with water if exposed to heat or flame, move container away from fire area if this can be done without further risk.
- **FIRE HAZARDS:** Contains gas under pressure, pressurized container: May explode if ignited or exposed to heat.
- **SUGGESTED EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:** No special measures are required.

6) ACCIDENTAL RELEASE MEASURES

- **IF ACCIDENTALLY RELEASED OR SPILLED:** Remove or eliminate all sources of ignition. Establish ventilation to keep atmospheric concentrations below limits. Avoid breathing vapors. Wear protective equipment. Keep unprotected persons away.
- **NEUTRALIZING CHEMICAL:** Absorb into clay-like absorbent material.
- **WASTE DISPOSAL METHOD:** Dispose of in accordance with state, local, and federal regulations. Prevent material from entering waterways or sewage. Container may be recycled if completely emptied.

7) HANDLING AND STORAGE

- **CONDITIONS FOR SAFE HANDLING:** Wear protective equipment. Follow instructions found on label.
- **CONDITIONS FOR SAFE STORAGE:** Do not expose to temperatures above 50°C/122°F. Store in a well-ventilated place. Protect from sunlight. Keep away from heat and other sources of ignition. Keep away from oxidizing agents.

8) EXPOSURE CONTROLS/PERSONAL PROTECTION

- **EXPOSURE LIMITS**

Chemical name:	Identifier:	PEL:	ACGIH:	NIOSH:
Acetone	CAS: 67-64-1	1000 ppm	750 ppm	250 ppm
Heptane	CAS: 142-82-5	500 ppm	500 ppm	440 ppm
Isobutane/Propellant Blend	CAS: 68476-86-8	5000 ppm	5000 ppm	5000 ppm

- **VENTILATION REQUIREMENTS:** Good mechanical ventilation may be adequate for maintaining airborne concentrations below established exposure limits for large uncontrolled releases.
- **IF EXPOSURE LIMITS ARE EXCEEDED AND INHALED:** Use a NIOSH approved respirator.



Handle material with gloves and protective clothing. Inspect gloves prior to use. Use proper glove removal techniques so that no skin comes into contact with the outside of the glove. Gloves must be chemically resistant (such as rubber).



Use NIOSH/OSHA or EN 166 approved eye protection

(continued on page 4)

(continued from page 3)

Practice good industrial hygiene. Wash hands before breaks and at the end of the workday. Keep material away from foodstuffs, beverages, and feed. Wash and launder all contaminated clothing.

9) PHYSICAL AND CHEMICAL PROPERTIES

- **APPEARANCE:** Varies based on specific color/dye used in formulation
- **ODOR:** Solvent-like odor
- **ODOR THRESHOLD:** Not determined or not applicable
- **pH:** Not determined or not applicable
- **VAPOR PRESSURE:** Approximately 70psi at 70°F/21°C
- **DENSITY:** .88 g/cm³
- **SOLUBILITY:** 0%
- **MELTING/FREEZING POINT:** Not determined or not applicable
- **BOILING POINT:** 104°F/40°C
- **FLAMMABLE EXPLOSIVE LIMITS (% volume in air):** 1.2%-9.5%
- **FLASH POINT (TCC closed cup):** <20°F/-6.67°C
- **FLAME EXTENSION :** Does extend flame
- **FLAMMABILITY:** Contains flammable chemicals
- **AUTO-IGNITION TEMPERATURE:** Does not auto-ignite
- **DECOMPOSITION TEMPERATURE:** Not determined or not applicable
- **EVAPORATION RATE:** Not determined or not applicable
- **VISCOSITY:** Not determined or not applicable
- **VOLATILES BY VOLUME:** <85%

10) STABILITY AND REACTIVITY

- **CHEMICAL STABILITY:** Stable under normal conditions
- **HAZARDOUS POLYMERIZATION:** Can not occur
- **INCOMPATIBLE MATERIALS:** Strong oxidizing agents
- **HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide and carbon monoxide and other combustion products are possible
- **CONDITIONS TO AVOID:** Heat, sparks, open flames, ignition sources, and sunlight.

11) TOXICOLOGICAL INFORMATION

- **Most likely routes of exposure:** inhalation, ingestion, skin and eye contact
- **Symptoms are more likely to increase the longer the exposure to the chemical**
- **Symptoms may include (but are not limited to):**
 Headache, dizziness, vertigo, incoordination, hilarity
 Persistent gasoline taste in mouth
 Eye, nose, and respiratory irritation

(continued on page 5)

(continued from page 5)

- **The following mixture components are found on the National Toxicology Program Report:** No components listed on National Toxicology Program Report
- **The following mixture components are found on the International Agency for Research on Cancer Monograph list:** No components listed on International Agency for Research on Cancer Monograph list

12) ECOLOGICAL INFORMATION

- **TOXICITY TO AQUATIC LIFE:** Very toxic to aquatic life with long lasting effects
Do not expose to open waterways or dispose of product through drains or sewage
- **MOBILITY IN SOIL:** not determined or not applicable
- **PERSISTENCE AND DEGRADABILITY:** not determined or not applicable
- **BIOACCUMULATIVE POTENTIAL:** not determined or not applicable
- **PBT and vPvB ASSESSMENT:** not determined or not applicable

13) DISPOSAL CONSIDERATIONS

- Please refer to section 8 for proper personal equipment for use when disposing of container
- Please refer to local, state, and national regulations for proper disposal methods
- Offer surplus and non-recyclables to a licensed disposal company.
- Product, when completely emptied, may be recycled if allowed by local ordinances
- Empty product completely before placed in trash or introduced to a landfill as the product may still burst if heated or damaged

14) TRANSPORT INFORMATION

- **UN IDENTIFICATION NUMBER:** 1950
- **UN SHIPPING NAME:** Flammable Gas Aerosol
- **TRANSPORT HAZARD CLASS:** 2.1
- **DEPARTMENT OF TRANSPORTATION SHIPPING NAME:** Consumer Commodity
- **DEPARTMENT OF TRANSPORTATION HAZARD CLASS:** ORM-D Level 3 Aerosol
- **SHIPPING LABEL:** Flammable gas, Marine pollutant



- **ENVIRONMENTAL HAZARDS:** Marine pollutant. Very toxic to aquatic life with long lasting effects
- **INTERNATIONAL BULK CHEMICAL CODE:** Not determined or not applicable
- **SPECIAL SHIPPING PRECAUTIONS:** Ship container up-right without excessive load on top

15) REGULATORY INFORMATION

- This product is for industrial/institutional use only and is not to be used by general consumers
- The product is regulated by the OSH Act which is found in 29 CFR 1910.1200 of the United States code
- **SARA 302 COMPONENTS:** No components of mixture are subject to reporting
- **SARA 313 COMPONENTS:** This product may contain trace-levels of Formaldehyde (CAS: 50-00-0)
- **MASSACHUSETTS RIGHT TO KNOW COMPONENTS:** This product may contain trace-levels of Formaldehyde (CAS: 50-00-0)
- **PENNSYLVANIA RIGHT TO KNOW COMPONENTS:** This product may contain trace-levels of Formaldehyde (CAS: 50-00-0)
- **NEW JERSEY RIGHT TO KNOW COMPONENTS:** This product may contain trace-levels of Formaldehyde (CAS: 50-00-0)
- **CALIFORNIA PROP 65 COMPONENTS:** This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm

16) OTHER INFORMATION

- This SDS was completed using the most up to date information available at the time of its completion; however, no representation, warranty, or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself/herself as to the suitability and completeness of such information for his or her particular use. We do not accept any liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement. The SDS does not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
- Abbreviations and acronyms used: ACGIH: American Conference of Governmental Industrial Hygienists. CAS: Chemical Abstracts Service. CFR: Code of Federal Regulations. GHS: Globally Harmonized System. HMIS: Hazardous Materials Identification System. NFPA: National Fire Protection Association. NOISH: National Institute for Occupational Safety and Health. OSHA: Occupational Safety and Health Administration. PEL: Permissible Exposure Limit. SARA: Superfund Amendments and Reauthorization Act (regulation by the EPA). UN: United Nations.