


**SECTION 1 - IDENTIFICATION**

<b>Manufacturer:</b> Black Swan Mfg. Co. 4540 W. Thomas St. Chicago, IL 60651-3318 Tel.: 800-252-5796 Fax: 773-227-3705 Web Site : <a href="http://www.blackswanmfg.com">www.blackswanmfg.com</a> E-mail : <a href="mailto:info@blackswanmfg.com">info@blackswanmfg.com</a>	For any Transportation or Medical Chemical Emergencies call:  <p style="text-align: center;"><b>INFOTRAC</b></p> <p style="text-align: center;">(800) 535-5053 <b>OR</b> (352) 323-3500</p> <p style="text-align: center;">24 hours per day - 7 days a week</p>
<b>Product Name: Marking Paint – Alert Orange</b>	<b>Recommended Use:</b> Used in marking construction, excavation sites, underground utilities, landscaping, etc.

**SECTION 2 – HAZARD(S) IDENTIFICATION**

<p><b>Labels</b></p>  <p>Flammable Gases Under Pressure    Irritant    Health Hazard</p>	<p><b>GHS Classification</b></p> <table border="0"> <tr> <td style="vertical-align: top;"> <p><b>Health</b></p> <p>Acute Toxicity: Not Established            Skin Irritation: Not Established            Eye Irritation: Cat. 2A            Skin Sensitization: NO            Carcinogenicity: Cat. 2</p> </td> <td style="vertical-align: top;"> <p><b>Environmental</b></p> <p>Acute Aquatic Toxicity: Not Established            Chronic Aquatic Toxicity: Not Established</p> </td> </tr> </table>	<p><b>Health</b></p> <p>Acute Toxicity: Not Established            Skin Irritation: Not Established            Eye Irritation: Cat. 2A            Skin Sensitization: NO            Carcinogenicity: Cat. 2</p>	<p><b>Environmental</b></p> <p>Acute Aquatic Toxicity: Not Established            Chronic Aquatic Toxicity: Not Established</p>				
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<p><b>Signal Word</b></p> <p style="text-align: center;">Danger</p>							
<p><b>HMIS</b></p> <table border="1" style="width: 100%;"> <tr> <td style="background-color: #000080; color: white;">HEALTH</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">FLAMMABILITY</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="background-color: #FFD700; color: black;">REACTIVITY</td> <td style="text-align: center;">3</td> </tr> </table>	HEALTH	1	FLAMMABILITY	3	REACTIVITY	3	<p><b>Physical</b></p> <p>Flammable Aerosol: Cat. 1            Gases Under Pressure</p>
HEALTH	1						
FLAMMABILITY	3						
REACTIVITY	3						
<p><b>Hazardous Statements</b></p> <p>H222: Extremely flammable aerosol            H280: Contains gas under pressure; may explode if heated            H319: Causes serious eye irritation            H351: Suspected of causing cancer            H373: May cause damage to organs through prolonged or repeated exposure</p>	<p><b>Precautionary Statements</b></p> <p>P101: If medical advice is needed, have product container or label at hand            P102: Keep out of reach of children            P103: Read label before use            P201: Obtain special instructions before use            P202: Do not handle until all safety precautions have been read and understood            P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking            P211: Do not spray on an open flame or other ignition source            P251: Pressurized container – Do not pierce or burn, even after use            P261: Avoid breathing dust/fume/gas/mist/vapors/spray            P264: Wash thoroughly after handling            P280: Wear protective gloves/protective clothing/eye protection/face protection            P281: Use personal protective equipment as required</p>						

**SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Chemicals</u>	<u>CAS#</u>	<u>EINECS#</u>	<u>REACH</u> <u>Pre-registration Number</u>	<u>Approx %</u>
PROPANE	74-98-6	N/A	N/A	17.63%
VM&P NAPHTHA	64742-89-8	N/A	N/A	17.28%
CALCIUM CARBONATE	1317-65-3	N/A	N/A	15.34%
N-BUTANE	106-97-8	N/A	N/A	10.36%
MINERAL SPIRITS	64742-47-8	N/A	N/A	4.53%

\*Unlisted ingredients are not classified as hazardous according to OSHA 1910.1200.

# GHS SAFETY DATA SHEET

## SECTION 4 – FIRST-AID MEASURES

**Inhalation:** Remove victim to fresh air. If irritation persists call physician.  
**Skin:** Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water.  
**Eyes:** Flush with water for 15 minutes. Call a physician.  
**Ingestion:** Rinse mouth. Do not induce vomiting.

## SECTION 5 – FIRE-FIGHTING MEASURES

**Fire Hazard:** Extremely flammable liquid and vapor in a pressurized container.  
**Combustion Products:** None known.  
**Extinguishing Media:** Carbon Dioxide, Extinguishing Powder, or Water Spray.  
**Unsuitable Extinguishing Media:** None known  
**Protective Equipment:** Self-contained breathing apparatus {(SCBA), MSHA/NIOSH}. Full protective gear.  
**Special Fire Fighting Procedures:** Evacuate enclosed areas, stay upwind. Closed or confined quarters require self-contained breathing apparatus, positive pressure hose masks or airline masks. Can form explosive gas-air mixture.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Prevent contact with skin or eyes. Personnel cleaning up the spill should wear appropriate personal protective equipment, including respirators if vapor concentrations are high.  
**Protective Equipment:** Wear suitable respiratory protective equipment.  
**Emergency Procedures:** Remove all sources of ignition and ventilate area. Keep unprotected persons away.  
**Environmental Precautions:** Avoid runoff into storm sewers, ditches and waterways.  
**Methods for Cleaning Up:** Disposed contaminated material as waste according to Sec. 13. Ensure adequate ventilation.

## SECTION 7 – HANDLING AND STORAGE

### Handling

Avoid contact with eyes, skin and clothing. Avoid prolonged breathing of vapor and mist. Use only in well-ventilated areas. Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Keep products away from heat, sparks, flames and all other sources of ignition. Keep containers closed when not in use. Do not spray on a naked flame or any incandescent material. Do not pierce or burn can, even after use.

### Storage

Observe pressurized container storage regulations. Consult with your local authorities. Keep away from heat, sparks, open flame and other sources of ignition. Protect from sunlight and do not expose to temperatures exceeding 120°F. Do not store in subfreezing conditions. Store locked up. **Incompatible Materials:** None known.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits

<u>Hazardous Chemicals</u>	<u>ACGIH-TLV</u>	<u>ACGIH-STEL</u>	<u>OSHA-PEL</u>
PROPANE	N/A	N/A	1800 mg/m <sup>3</sup> , 1 000 ppm
BUTANE	2370mg/m <sup>3</sup> , 1000 ppm	N/A	N/A

**Engineering Controls:** A source of running water to flush or wash the eyes and skin in case of contact. Use local exhaust as needed.  
**Ventilation:** Local ventilation is adequate. Use only explosion proof ventilation equipment.  
**Personal Protective Equipment – Respiratory:** A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn.  
**Personal Protective Equipment – Skin:** Impermeable gloves.  
**Personal Protective Equipment – Eyes:** Tightly sealed goggles.

## SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b>	Aerosol (Orange content)	<b>Flash Point:</b>	-2°F	<b>Vapor Pressure:</b>	40 PSI, 2750 hPa
<b>Odor:</b>	Aromatic	<b>Specific Gravity:</b>	0.77 and 0.85	<b>Flammability:</b>	Extremely Flammable
<b>pH:</b>	Not Established	<b>Solubility (H2O):</b>	Not Miscible	<b>Flammability Limits:</b>	LEL – 1.5%
<b>Melting Point:</b>	Not Established	<b>Evaporation Rate:</b>	> 1.0		UEL – 10.9%
<b>Freezing Point:</b>	Not Established	<b>Vapor Density:</b>	Not Established		
<b>Boiling Point:</b>	-47°F	<b>VOC:</b>	529.6 g/l		

# GHS SAFETY DATA SHEET

## SECTION 10 – STABILITY AND REACTIVITY

**Stability:** Stable.

**Hazardous polymerization:** Will not occur.

**Conditions to avoid:** Keep away from heat, sparks, open flame and other sources of ignition. Do not allow to exceed 120°F.

**Incompatible materials:** None known.

**Hazardous decomposition products:** No decomposition if used according to specifications.

## SECTION 11 – TOXICOLOGICAL INFORMATION

<u>Hazardous Chemicals</u>	<u>LD<sub>50</sub></u>	<u>Toxicity</u>	<u>LC<sub>50</sub></u>
BUTANE	N/A	Inhalation:	658 mg/l (rat) 4 hours

**Likely Routes of Exposure:** Inhalation.

**Symptoms and Effect - Inhalation:** Intentional misuse may be harmful or fatal. **Skin Contact:** None known. **Eye Contact:** None known.

**Ingestion:** None known.

**Long-Term Effect:** May cause permanent brain and nervous system damage if overexposed. Repeated overexposure can also damage kidneys, lungs, liver, heart, and blood.

**Pre-Existing Conditions:** None know.

## SECTION 12 – ECOLOGICAL INFORMATION

**Ecotoxicity:** Aquatic Toxicity – Hazardous to water, do not empty into drains.

**Persistence & Degradability:** None known.

**Bioaccumulative Potential:** None known.

**Mobility in soil:** In normal use, emission of Volatile Organic Compounds (VOC's) to the air takes place, typically at a rate of  $\leq 533.7$  g/l.

## SECTION 13 – DISPOSAL CONSIDERATION

Dispose of product or container in accordance with federal, state or local regulations.

## SECTION 14 – TRANSPORTATION INFORMATION

### Shipping Information

**Shipping Name:** Aerosol, Flammable

**Hazardous Class:** 2.1

**I.D. Number:** UN1950

**Packing Group:** --

**Label Required:** Warning: Gases

**Marine Pollutant:** No

**ADR:** 1950 Aerosols

**EMS Number:** F-D, S-U

**UN "Model Regulation":** UN1950, Aerosols, 2.1

**Exception to the rule:** If the package that contains the hazardous material is in a small consumer size (Less than 1L), then the rules that apply to shipping hazardous materials do not apply. This is called an "Exception".

**This is classified as Limited Quantity.**

## SECTION 15 – REGULATORY INFORMATION

**Precautionary Label Information:** Flammable, Health Hazard

**Risk Phrases:** **R11-** Highly Flammable. **R67-** Vapors may cause drowsiness and dizziness.

**Safety Phrases:** **S2-** Keep out of reach of children. **S9-** Keep container in a well-ventilated place. **S16-** Keep away from sources of ignition-No smoking. **S25-** Avoid contact with eyes. **S26-** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. **S33-** Take precautionary measures against static discharges.

## SECTION 16 – OTHER INFORMATION

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. Black Swan Mfg. Co. urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents and contractors of the information on the sheets.

**DATE:** 01/01/2021