



SECTION 1 - IDENTIFICATION

Manufacturer:

Black Swan Mfg. Co.
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For any Transportation or Medical Chemical Emergencies call:

INFOTRAC(800) 535-5053 **OR** (352) 323-3500

24 hours per day - 7 days a week

Product Name: Marking Paint – High Visibility Yellow**Recommended Use:** Used in marking construction, excavation sites, underground utilities, landscaping, etc.

SECTION 2 – HAZARD(S) IDENTIFICATION

Labels**Signal Word**

Danger

HMIS

HEALTH

1

FLAMMABILITY

3

REACTIVITY

3

GHS Classification**Health**

Acute Toxicity: Not Established
Skin Irritation: Not Established
Eye Irritation: Cat. 2A
Skin Sensitization: NO
Carcinogenicity: Cat. 2

Environmental

Acute Aquatic Toxicity: Not Established
Chronic Aquatic Toxicity: Not Established

Physical

Flammable Aerosol: Cat. 1
Gases Under Pressure

Hazardous Statements

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

Precautionary Statements

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

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemicals	CAS#	EINECS#	REACH Pre-registration Number	Approx %
VM&P NAPHTHA	64742-89-8	N/A	N/A	19.4%
CALCIUM CARBONATE	1317-65-3	N/A	N/A	14.73%
PROPANE	74-98-6	N/A	N/A	12.59%
N-BUTANE	106-97-8	N/A	N/A	7.4%
MINERAL SPIRITS	64742-47-8	N/A	N/A	4.49%
TITANIUM DIOXIDE	13463-67-7	N/A	N/A	1.74%

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

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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

Hazardous Chemicals

ACGIH-TLV

ACGIH-STEL

OSHA-PEL

PROPANE

N/A

N/A

1800 mg/m³, 1 000 ppm

BUTANE

2370mg/m³, 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

Appearance: Aerosol (Yellow content)

Flash Point:

-2°F

Vapor Pressure:

40 PSI, 2750 hPa

Odor: Aromatic

Specific Gravity:

0.77 and 0.85

Flammability:

Extremely Flammable

pH: Not Established

Solubility (H₂O):

Not Miscible

Flammability Limits:

LEL – 1.7%

Melting Point: Not Established

Evaporation Rate:

> 1.0

UEL – 10.9%

Freezing Point: Not Established

Vapor Density:

Not Established

Boiling Point: -47°F

VOC:

529.3 g/l

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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>Toxicity</u>	
	<u>LD₅₀</u>	<u>LC₅₀</u>
BUTANE	N/A	Inhalation: 658 mg/l (rat) 4 hours
TITANIUM DIOXIDE	Oral: >20000 mg/kg (rat) Dermal: >10000 mg/kg (rabbit)	Inhalation: >6.82 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 ≤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

<u>Shipping Information</u>	
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: 01/01/2025