



## SECTION 1 - IDENTIFICATION

## Manufacturer:

Black Swan Mfg. Co.  
4540 W. Thomas St.  
Chicago, IL 60651-3318  
Tel.: 800-252-5796  
Fax: 773-227-3705  
Web Site : [www.blackswanmfg.com](http://www.blackswanmfg.com)  
E-mail : [info@blackswanmfg.com](mailto:info@blackswanmfg.com)

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: Plumbers Spray Paint – Gray****Recommended Use:** Used to protect metal objects from corrosion and to provide color consistency.

## 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: Cat. 2  
Eye Irritation: Cat. 2A  
Skin Sensitization: NO  
Carcinogenicity: Cat. 2  
Repr: 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  
H315: Causes skin irritation  
H319: Causes serious eye irritation  
H336: May cause drowsiness or dizziness  
H361: Suspected of damaging fertility or the unborn child  
H373: May cause damage to organs through prolonged or repeated exposure

**Precautionary Statements**

P102: Keep out of reach of children  
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  
P260: Do not breathe dust/fume/gas/mist/vapors/spray  
P264: Wash thoroughly after handling  
P271: Use only outdoors or in a well-ventilated area.  
P280: Wear protective gloves/protective clothing/eye protection/face protection

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

| <b>Chemicals</b>  | <b>CAS#</b> | <b>EINECS#</b> | <b>REACH<br/>Pre-registration Number</b> | <b>Approx %</b> |
|-------------------|-------------|----------------|------------------------------------------|-----------------|
| PROPANE           | 74-98-6     | N/A            | N/A                                      | 22.04%          |
| ACETONE           | 67-64-1     | N/A            | N/A                                      | 20.94%          |
| N-BUTANE          | 106-97-8    | N/A            | N/A                                      | 12.94%          |
| TOLUENE           | 108-88-3    | N/A            | N/A                                      | 12.78%          |
| VM&P NAPHTHA      | 64742-89-8  | N/A            | N/A                                      | 9.39%           |
| MINERAL SPIRITS   | 64742-47-8  | N/A            | N/A                                      | 4.06%           |
| TITANIUM DIOXIDE  | 13463-67-7  | N/A            | N/A                                      | 2.76%           |
| ISOPROPYL ALCOHOL | 67-63-0     | N/A            | N/A                                      | 2.31%           |
| XYLENE (MIX)      | 1330-20-7   | N/A            | N/A                                      | 1.62%           |

\*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:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical attention.

**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. Fight larger fires with 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 50°C/122°F. Do not store in subfreezing conditions. Store locked up in a well-ventilated place. Keep container tightly closed.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits

#### Hazardous Chemicals

PROPANE

ACETONE

BUTANE

TOLUENE

ISOPROPYL ALCOHOL

XYLENE (MIX)

#### ACGIH-TLV

N/A

594mg/m<sup>3</sup>, 250 ppm

2370mg/m<sup>3</sup>, 1000 ppm

75mg/m<sup>3</sup>, 20 ppm

492mg/m<sup>3</sup>, 200 ppm

434mg/m<sup>3</sup>, 100 ppm

#### ACGIH-STEL

N/A

N/A

N/A

N/A

N/A

N/A

#### OSHA-PEL

1800 mg/m<sup>3</sup>, 1000 ppm

2400 mg/m<sup>3</sup>, 1000 ppm

N/A

Long-term value: 200 ppm

Ceiling limit value: 300; 500\* ppm

\*10-min peak per 8-hr shift

980 mg/m<sup>3</sup>, 400 ppm

435mg/m<sup>3</sup>, 100 ppm

**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.

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## SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

|                        |                        |                          |                 |                             |                     |
|------------------------|------------------------|--------------------------|-----------------|-----------------------------|---------------------|
| <b>Appearance:</b>     | Aerosol (Gray 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 – 1.7%          |
| <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>              | 539.8 g/l       |                             |                     |

## 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>              |
|----------------------------|-------------------------------|-----------------|-------------------------------------|
| N-BUTANE                   | N/A                           |                 | Inhalation: 658 mg/l (rat) 4 hours  |
|                            | Oral: >20000 mg/kg (rat)      |                 |                                     |
| TITANIUM DIOXIDE           | Dermal: >10000 mg/kg (rabbit) |                 | Inhalation: 6.82 mg/l (rat) 4 hours |
|                            | Oral: 4750 mg/kg (rat)        |                 |                                     |
| ISOPROPYL ALCOHOL          | Dermal: 13400 mg/kg (rabbit)  |                 | Inhalation: 30 mg/l (rat) 4 hours   |
|                            | Oral: 8700 mg/kg (rat)        |                 |                                     |
| XYLENE                     | Dermal: 2000 mg/kg (rabbit)   |                 | Inhalation: 6350 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

**Aquatic toxicity:** Hazardous for water, do not empty into drains.

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

**Persistence & Degradability:** The product is degradable after prolonged exposure to natural weathering processes.

**Bioaccumulative Potential:** None known.

**Mobility in soil:** None known.

## SECTION 13 – DISPOSAL CONSIDERATION

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

Recommendation: Completely empty cans should be recycled.

## 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  
**Quantity limitations On passenger aircraft/rail:** 75 kg  
**On cargo aircraft only:** 150 kg

**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.**

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### 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: 01/01/2026**