


**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 E-mail : info@blackswanmfg.com	For any Transportation or Medical Chemical Emergencies call: <p style="text-align: center;">INFOTRAC</p> <p style="text-align: center;">(800) 535-5053 OR (352) 323-3500</p> <p style="text-align: center;">24 hours per day - 7 days a week</p>
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

<p>Labels</p>  <p>Flammable Under Pressure Gases Irritant Health Hazard</p>	<p>GHS Classification</p> <table border="0"> <tr> <td style="vertical-align: top;"> <p>Health</p> <p>Acute Toxicity: Not Established Skin Irritation: Cat. 2 Eye Irritation: Cat. 2A Skin Sensitization: NO Carcinogenicity: Cat. 2 Repr: Cat. 2</p> </td> <td style="vertical-align: top;"> <p>Environmental</p> <p>Acute Aquatic Toxicity: Not Established Chronic Aquatic Toxicity: Not Established</p> </td> </tr> </table>	<p>Health</p> <p>Acute Toxicity: Not Established Skin Irritation: Cat. 2 Eye Irritation: Cat. 2A Skin Sensitization: NO Carcinogenicity: Cat. 2 Repr: Cat. 2</p>	<p>Environmental</p> <p>Acute Aquatic Toxicity: Not Established Chronic Aquatic Toxicity: Not Established</p>				
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<p>Signal Word</p> <p style="text-align: center;">Danger</p>							
<p>HMIS</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>Physical</p> <p>Flammable Aerosol: Cat. 1 Gases Under Pressure</p>
HEALTH	1						
FLAMMABILITY	3						
REACTIVITY	3						
<p>Hazardous Statements</p> <p>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</p>	<p>Precautionary Statements</p> <p>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</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	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.

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: 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

<u>Handling</u>	<u>Storage</u>
<p>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.</p>	<p>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.</p>

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Hazardous Chemicals</u>	<u>Exposure Limits</u>		<u>OSHA-PEL</u>
	<u>ACGIH-TLV</u>	<u>ACGIH-STEL</u>	
PROPANE	N/A	N/A	1800 mg/m ³ , 1000 ppm
ACETONE	594mg/m ³ , 250 ppm	N/A	2400 mg/m ³ , 1000 ppm
BUTANE	2370mg/m ³ , 1000 ppm	N/A	N/A
			Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift
TOLUENE	75mg/m ³ , 20 ppm	N/A	980 mg/m ³ , 400 ppm
ISOPROPYL ALCOHOL	492mg/m ³ , 200 ppm	N/A	435mg/m ³ , 100 ppm
XYLENE (MIX)	434mg/m ³ , 100 ppm	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.

GHS SAFETY DATA SHEET

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance: Aerosol (Gray 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: 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>LD₅₀</u>	<u>Toxicity</u>	<u>LC₅₀</u>
N-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
ISOPROPYL ALCOHOL	Oral: 4750 mg/kg (rat) Dermal: 13400 mg/kg (rabbit)		Inhalation: 30 mg/l (rat) 4 hours
XYLENE	Oral: 8700 mg/kg (rat) 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

<u>Shipping Information</u>		
Shipping Name:	Aerosol, Flammable	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.
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	

GHS SAFETY DATA SHEET

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**