



# BLACK SWAN MFG. CO.



## MATERIAL SAFETY DATA SHEET



### SECTION 1 - IDENTIFICATION

<b>Manufacturer:</b> Black Swan Manufacturing Co. 4540 W. Thomas Street Chicago, IL 60651-3318 Telephone: 1-800-252-5796 Fax: 1-773-227-3705 Web Site: <a href="http://www.blackswanmfg.com">www.blackswanmfg.com</a> E-mail: <a href="mailto:info@blackswanmfg.com">info@blackswanmfg.com</a>	<b>For any transportation or medical chemical emergencies call:</b>  <p style="text-align: center;"><b>INFOTRAC</b></p> <p style="text-align: center;">(800) 535-5053 <u>OR</u> (352) 323-3500</p> <p style="text-align: center;">24 hours per day - 7 days a week</p>
<b>Product Name:</b>  <p style="text-align: center;"><b>Pipe Wrap Primer</b></p>	<b>Recommended Use:</b>  <p style="text-align: center;">Used on underground gas pipe to fill voids and help the pipe wrap tape adhere better to the pipe.</p>

### SECTION 2 - HAZARD(S) IDENTIFICATION

<p><b>Label</b></p>  <p><b>Flammable</b></p>  <p><b>Irritant</b></p>	<p style="text-align: center;"><b>NFPA</b></p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="397 819 552 955"> <p><b>HEALTH HAZARD</b></p> <p>4 Deadly 3 Extreme Danger 2 Hazardous 1 Slightly Hazardous 0 Normal Material</p> </div> <div data-bbox="560 861 755 1039"> </div> <div data-bbox="763 808 1096 955"> <p><b>FIRE HAZARD</b> Flash Points</p> <p>4 Below 73°F (Boiling pt. below 100°F) 3 Below 73°F (Boiling pt. at/above 100°F) and/or at/above 73°F - not exceeding 100°F 2 Above 100°F, Not exceeding 200°F 1 Above 200°F 0 Will not burn</p> </div> </div> <div style="margin-top: 10px;"> <p><b>SPECIFIC HAZARD</b></p> <p>Oxidizer OX Use NO WATER W Simple Asphyxiant SA</p> </div> <div style="margin-top: 10px;"> <p><b>INSTABILITY</b></p> <p>4 May detonate 3 Shock and heat may detonate 2 Violent chemical changes 1 Unstable if heated 0 Stable</p> </div>	<p style="text-align: center;"><b>HMIS</b></p> <table border="1" style="width: 100%;"> <tr> <td style="background-color: #000080; color: white;"><b>HEALTH</b></td> <td style="text-align: center;"><b>2</b></td> <td rowspan="3">           0 Minimal Hazard            1 Slight Hazard            2 Moderate Hazard            3 Serious Hazard            4 Severe Hazard         </td> </tr> <tr> <td style="background-color: #FF0000; color: white;"><b>FLAMMABILITY</b></td> <td style="text-align: center;"><b>3</b></td> </tr> <tr> <td style="background-color: #FFD700; color: black;"><b>REACTIVITY</b></td> <td style="text-align: center;"><b>0</b></td> </tr> </table> <p style="margin-top: 10px; text-align: center;">PPE <span style="border: 1px solid black; padding: 2px;">C</span></p>	<b>HEALTH</b>	<b>2</b>	0 Minimal Hazard 1 Slight Hazard 2 Moderate Hazard 3 Serious Hazard 4 Severe Hazard	<b>FLAMMABILITY</b>	<b>3</b>	<b>REACTIVITY</b>	<b>0</b>
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<b>FLAMMABILITY</b>	<b>3</b>								
<b>REACTIVITY</b>	<b>0</b>								
<p style="text-align: center;"><b>Health</b></p> <p>Acute Toxicity: N/A Skin Corrosion: N/A Eye Irritation: N/A Skin Sensitization: N/A</p>	<p style="text-align: center;"><b>Environmental</b></p> <p>Acute Toxicity: N/A Chronic Toxicity: N/A</p>	<p style="text-align: center;"><b>Physical</b></p> <p>Flammability: Class IB Other: N/A</p>							
<p style="text-align: center;"><b>Hazardous Statements</b></p> <p><b>Danger!</b> Extremely Flammable. Vapors Harmful. Harmful if swallowed. May irritate skin and eyes. Vapors may ignite explosively.</p>	<p style="text-align: center;"><b>Precautionary Statement</b></p> <p>Avoid contact with skin and eyes. Keep out of reach of children. Do not allow to be taken internally. Keep away from heat, sparks, open flame and other sources of ignition. Use only in a well ventilated area. Avoid breathing vapors.</p>								

### SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<u>Hazardous Chemicals</u>	<u>CAS #</u>	<u>EINECS#</u>	<u>Approx %</u>
Acetone	67-64-1	200-662-2	----
N-Heptane	142-82-5	205-563-8	----
Mercaptotoluimidazole	53988-10-6	258-904-8	----

\*Title III Section 313 Supplier Notification: This product contains toxic chemicals subject to the reporting requirement of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40CFR372. This information must be included in all MSDS's that are copied and distributed for this material.

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## SECTION 4 - FIRST-AID MEASURES

**Inhalation:** Remove to fresh air immediately. If breathing has stopped give artificial respiration. Keep warm and quiet. Get medical attention immediately.

**Skin:** Immediately flush the contaminated area with large amounts of water. Remove contaminated clothing as water is applied. Consult a physician.

**Eyes:** Flush with large amounts of water, lifting upper and lower lids occasionally. Continue for at least 15 minutes. Get medical attention immediately.

**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Call Poison Control Center, Hospital Emergency Room, or Physician immediately.

## SECTION 5 - FIRE-FIGHTING MEASURES

<u>Extinguishing Media</u>		<u>Specific Hazards</u>	<u>Protective Equipment</u>
<p><u>Suitable</u></p> <p>Carbon Dioxide Dry Chemical Alcohol Foam</p>	<p><u>Unsuitable</u></p> <p>Water Foam</p>	<p>During emergency conditions, overexposure to decomposition may cause health hazard.</p>	<p>Self-contained breathing apparatus. {(SCBA), MSHA/NIOSH}. Full protective gear.</p>
<p><b><u>Special Firefighting Procedures</u></b></p> <p>Water may be ineffective, but may be used to cool exposed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.</p>			

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Use normal good safety and health procedures.

**Protective Equipment:** Use appropriate respirators, and body protection apparel.

**Emergency Procedures:** Keep people away. Eliminate all ignition sources (flames, hot surfaces, and sources of electrical, static or frictional sparks). Dike and contain spill with inert material (sand).

**Environmental Precautions:** Prevent contamination of sewers, streams, and groundwater with spilled material.

**Methods for Cleaning-Up:** Transfer liquids to covered metal containers for recovery or disposal, or remove with inert absorbent. Use non-sparking tools. Place absorbent diking materials in covered metal containers for disposal.

**Other Precautions:** None.

## SECTION 7 - HANDLING AND STORAGE

<u>Handling</u>	<u>Storage</u>
<p>Do not take internally. Close container after each use. Avoid skin contact. Empty containers must not be washed and re-used for any purpose. Containers should be grounded and bonded to the receiving container. Do not weld, braze or cut on empty container. Never use pressure to empty. Drum is not a pressure vessel.</p>	<p>Do not store above 115°F (46°C) store large quantities in compliance with OSHA 29CFR1910.106.</p>

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## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### OSHA Exposure Limits

#### Hazardous Components

Acetone  
N-Heptane  
Mercaptotoluimidazole

#### ACGIH-TLV

500 ppm  
400 ppm  
N/A

#### OSHA-PEL

750 ppm  
400 ppm  
N/A

### Personal Protective Equipment

**Respiratory Protection:** NIOSH approved respirator is required.  
**Ventilation:** Local exhaust and mechanical (general) exhaust.  
**Other Protective Equipment:** Protective Gloves      Eyes and Face Protection      Other Protective Equipment  
    Impermeable Gloves.      Safety Glasses/Goggles.      None.  
**Other Precautions:** None.

### Engineering Controls

Eye wash facility and safety showers.

## SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

<p><b>Appearance:</b> Light Amber  <b>Odor:</b> Ether  <b>Odor Threshold:</b> N/A  <b>pH:</b> N/A  <b>Melting/Freezing Point:</b> N/A  <b>Boiling Point:</b> 130 °F to 210 °F  <b>Boiling Range:</b> N/A  <b>Flash Point:</b> -1 °F  <b>Evaporation Rate:</b> Slower than diethyl ether  <b>Flammability:</b> N/A  <b>Flammability Limits:</b> LEL: 1.0% ; UEL:13%</p>	<p><b>Volatile by Volume:</b> 68%  <b>Vapor Pressure:</b> N/A  <b>Vapor Density:</b> Heavier than air  <b>Relative Density:</b> N/A  <b>Solubility:</b> Negligible  <b>Partition Coefficient: n-octanol/water:</b> N/A  <b>Auto-ignition Temperature:</b> N/A  <b>Specific Gravity (H2O=1):</b> 0.8  <b>Viscosity:</b> N/A  <b>VOC:</b> 376 g/l</p>
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## SECTION 10 - STABILITY AND REACTIVITY

<b><u>Stability</u></b>	<b><u>Hazardous Polymerization</u></b>	<b><u>Conditions To Avoid</u></b>
Stable      Unstable	May Occur      Will Not Occur	Avoid excess heat of 115 °F and sources of ignition.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b><u>Incompatible Materials</u></b>		<b><u>Hazardous Decomposition Products</u></b>
Strong acids, alkaline materials and oxidizing materials.		Burning, including when heated by welding or cutting, will produce smoke, Carbon Monoxide and Carbon Dioxide.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

<u>Likely Routes of Exposure</u>	<u>Symptoms/Effects</u>	
Inhalation <input checked="" type="checkbox"/>	May cause nose or throat irritation. High concentrations may cause acute central nervous system depression characterized by headaches, dizziness, nausea and confusion.	
Skin Contact <input checked="" type="checkbox"/>	May cause skin sensitization. May cause defatting and irritation of the skin.	
Eye Contact <input checked="" type="checkbox"/>	May cause eye irritation.	
Ingestion <input checked="" type="checkbox"/>	Can cause gastrointestinal irritation, nausea, and vomiting. Aspiration of material into lung may cause chemical pneumonitis which can be fatal.	
<b>Long-Term Effects:</b>	Reports have associated prolonged and repeated occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.	
<b>Pre-Existing Conditions:</b>	Persons with pre-existing skin, lung, kidney, or liver disorders may be at increased risks.	
	<u>Toxicity</u>	
<u>Hazardous Components</u>	<u>LD50</u>	<u>LC50</u>
Acetone	N/A	N/A
N-Heptane	N/A	N/A
Mercaptotoluimidazole	N/A	N/A

## SECTION 12 - ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	None.
<b>Persistence &amp; Degradability:</b>	None.
<b>Bioaccumulative Potential:</b>	None.
<b>Mobility in Soil:</b>	None.
<b>Other Adverse Effects:</b>	None.

## SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

## SECTION 14 - TRANSPORTATION INFORMATION

<u>Shipping Information</u>	
<b>Shipping Name:</b>	Adhesives, Containing a Flammable Liquid
<b>Hazardous Class:</b>	3
<b>I.D. Number:</b>	UN1133
<b>Packing Group:</b>	II
<b>Label Required:</b>	Flammable Liquid
<b>Marine Pollutant:</b>	No
	<b>Exception to the rule:</b> 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 Consumer Commodity ORM-D.

## SECTION 15 - REGULATORY INFORMATION

None.

## SECTION 16 - OTHER INFORMATION

<b>Disclaimer:</b>	<b>Revision Date:</b>	JULY 2010
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 Manufacturing 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.		