



# 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>  <b>INFOTRAC</b>  (800) 535-5053 <u>OR</u> (352) 323-3500  24 hours per day - 7 days a week
<b>Product Name:</b> <b>Adhesive-Lube</b>	<b>Recommended Use:</b> Formulated to improve installation & sealing of compression type gaskets for cast iron soil pipe joints.

### SECTION 2 - HAZARD(S) IDENTIFICATION

<div><div><div>Label</div><div></div><div>Flammable</div><div></div><div>Harmful</div></div></div> <div><div><div>NFPA</div><div><div><div>HEALTH HAZARD</div><div>4 Deadly 3 Extreme Danger 2 Hazardous 1 Slightly Hazardous 0 Normal Material</div></div><div><div>SPECIFIC HAZARD</div><div>Oxidizer OX Use NO WATER W Simple Asphyxiant SA</div></div></div><div><div><div>FIRE HAZARD</div><div>Flash Points 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</div></div><div><div>INSTABILITY</div><div>4 May detonate 3 Shock and heat may detonate 2 Violent chemical changes 1 Unstable if heated 0 Stable</div></div></div></div></div> <div><div><div>HMIS</div><div><div><div>HEALTH</div><div>2</div></div><div><div>FLAMMABILITY</div><div>3</div></div><div><div>REACTIVITY</div><div>0</div></div></div><div><div>PPE</div><div>B</div></div><div><div>0 Minimal Hazard 1 Slight Hazard 2 Moderate Hazard 3 Serious Hazard 4 Severe Hazard</div></div></div></div>
<div><div><div>Health</div><div>Acute Toxicity: N/A Skin Corrosion: N/A Eye Irritation: N/A Skin Sensitization: NO</div></div></div> <div><div><div>Environmental</div><div>Acute Toxicity: N/A Chronic Toxicity: N/A</div></div></div> <div><div><div>Physical</div><div>Flammability: N/A Other: N/A</div></div></div>
<div><div><div>Hazardous Statement</div><div>Warning! Can be Harmful or Fatal. Warning! Flammable. Harmful if inhaled or swallowed. Vapors Harmful. Vapors may cause flash fire. May affect the brain or nervous system. Injurious to eyes. Causes nose, throat, eyes and skin irritation.</div></div></div> <div><div><div>Precautionary Statement</div><div>Do not smoke. Keep away from heat, sparks, open flame and other sources of ignition. Keep out of reach of children. Do not allow to be taken internally. Do not reuse container. Wash hands after every use.</div></div></div>

### SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<b>Hazardous Chemicals</b>	<b>CAS #</b>	<b>EINECS#</b>	<b>Approx %</b>
TOLUENE	108-88-3	203-625-9	50%
TRADE SECRET	N/A	N/A	25%
STODDARD SOLVENT	8052-413	232-489-3	25%

\*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:** If respiratory symptoms or other symptoms of exposure develop, move subject away from source of exposure and into fresh air. If symptoms persist, seek immediate medical attention. If subject is not breathing, artificial respiration should be administered. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek medical attention.

**Skin:** Immediately wash skin with lots of soap and water. Remove contaminated clothing and shoes; wash before reuse. Get medical attention if irritation persists after washing.

**Eyes:** If irritation or redness develops, move subject away from exposure and into fresh air. Flush eyes with clean water for 15 minutes or until irritation subsides. If symptoms persist, seek medical attention.

**Ingestion:** This material is slightly toxic by ingestion and an aspiration hazard. If subject is drowsy or unconscious, place on the left side with the head down. Do not induce vomiting or give anything by mouth because the material can enter the lungs and cause severe lung damage. If possible, do not leave subject unattended, seek immediate medical attention.

## SECTION 5 - FIRE-FIGHTING MEASURES

<u>Extinguishing Media</u>		<u>Specific Hazards</u>	<u>Protective Equipment</u>
<u>Suitable</u> Carbon Dioxide Dry Chemicals Foam	<u>Unsuitable</u> -----	Vapors may travel considerable distance to a source of ignition and flash back.	Self-contained breathing apparatus {(SCBA), MSHA/NIOSH} Full protective gear.
<b><u>Special Firefighting Procedures</u></b> Stop spill/release and move undamaged containers from fire area if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors and cooling equipment exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purpose.			

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** None.

**Protective Equipment:** None.

**Emergency Procedures:** None.

**Environmental Precautions:** Keep out of drains, sewers or waterways.

**Methods for Cleaning-Up:** This product contain a combustible material. Stay upwind and away from spill. Keep all sources of ignition from spill. If spill is indoors, ventilate area of spill. Foam, especially high expansion foam may be used to suppress vapors. Use sand or other inert material to damp and contain spill. Do not flush area with water. For small spills, do not flush with water; use absorbent pads.

**Other Precautions:** None.

## SECTION 7 - HANDLING AND STORAGE

<u>Handling</u>	<u>Storage</u>
Use good personal hygiene practices. Avoid inhalation of vapors and personal contact with the product. Repeated and prolonged overexposure to solvents may cause brain and nervous system damage. Concentrating and inhaling the contents may be harmful or fatal.	Keep and store in cool, dry place away from sources of ignition. Ground during transfer. Keep container tightly closed when not in use.

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## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>OSHA Exposure Limits</u>		
<u>Hazardous Components</u>	<u>ACGIH-TLV</u>	<u>OSHA-PEL</u>
TOLUENE	100 ppm	200 ppm
TRADE SECRET	N/A	N/A
STODDARD SOLVENT	N/A	500 ppm

<u>Personal Protective Equipment</u>		
<b>Respiratory Protection:</b>	If use conditions generate vapors or mists, wear a NIOSH-approved respirator appropriate for those emission levels. Appropriate respirators may be a full facepiece or a half mask air-purifying cartridge respirator equipped for organic vapors/mists, a self-contained breathing apparatus in the pressure demand mode, or a supplied-air respirator.	
<b>Ventilation:</b>	Mechanical ventilation is adequate.	
<b>Other Protective Equipment:</b>	<u>Protective Gloves</u> Chemical Resistant Gloves.	<u>Eyes and Face Protection</u> Chemical Goggles.
		<u>Other Protective Equipment</u> Long-sleeve shirt, coveralls, and safety shoes.
<b>Other Precautions:</b>	It is generally recognized that contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury. If needed, avoid contaminating regular clothing which could result in prolonged or repeated skin contact. An eye wash and safety shower should be nearby and ready for use.	



  

<u>Engineering Controls</u>
None.

## SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b>	Black Viscous Liquid	<b>Volatile by Volume:</b>	70
<b>Odor:</b>	Characteristic solvent odor	<b>Vapor Pressure:</b>	23
<b>Odor Threshold:</b>	N/A	<b>Vapor Density:</b>	3.3
<b>pH:</b>	N/A	<b>Relative Density:</b>	N/A
<b>Melting/Freezing Point:</b>	N/A	<b>Solubility:</b>	Insoluble
<b>Boiling Point:</b>	About 215 °F	<b>Partition Coefficient: n-octanol/water:</b>	N/A
<b>Boiling Range:</b>	N/A	<b>Auto-ignition Temperature:</b>	N/A
<b>Flash Point:</b>	40 °F (T.C.C)	<b>Specific Gravity (H2O=1):</b>	0.926
<b>Evaporation Rate:</b>	<1	<b>Viscosity:</b>	N/A
<b>Flammability:</b>	N/A	<b>VOC:</b>	658 g/l
<b>Flammability Limits:</b>	LEL: 0.9% ; UEL: 7.0%		

## SECTION 10 - STABILITY AND REACTIVITY

<u>Stability</u>		<u>Hazardous Polymerization</u>		<u>Conditions To Avoid</u>
Stable	Unstable	May Occur	Will Not Occur	Heat, sparks, open flames and all possible sources of ignition.
	<input type="checkbox"/>	<input type="checkbox"/>		
<u>Incompatible Materials</u>				<u>Hazardous Decomposition Products</u>
This product is incompatible with strong oxidizing agents and strong acids or bases.				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"/>	It is a respiratory tract irritant and anesthetic. Causes central nervous system depression (e.g. headache, drowsiness, dizziness, loss of coordination & fatigue.) May cause mild skin irritation. Prolonged or repeated contact may cause redness, burning, and drying and cracking of the skin. May cause mild eye irritation. Direct contact with the liquid or exposure to vapors or mists may cause stinging, tearing and redness. Ingestion of excessive quantities may cause irritation of the digestive tract and signs of nervous system depression. <b>ASPIRATION HAZARD</b> - This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.
Skin Contact	<input checked="" type="checkbox"/>	
Eye Contact	<input checked="" type="checkbox"/>	
Ingestion	<input checked="" type="checkbox"/>	
<b>Chronic Effects of Exposure:</b>		Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as solvent or painters' syndrome). Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal. This product contains a chemical known to the State of California to cause cancer.
<b>Pre-Existing Conditions:</b>		Skin contact may aggravate an existing dermatitis.
<u>Hazardous Components</u>		<u>Toxicity</u>
TOLUENE		<u>LD50</u> N/A
TRADE SECRET		<u>LC50</u> N/A
STODDARD SOLVENT		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

This product is hazardous for shipping purposes. However, Black Swan only ships this product in quart containers which qualifies as an exception because the container size is less than one liter. This product can be shipped as Consumer Commodity ORM-D.

## SECTION 15 - REGULATORY INFORMATION

None.

## SECTION 16 - OTHER INFORMATION

### Disclaimer:

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.

### Revision Date:

JULY 2010