





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: Adhesive-Lube	Recommended Use: Formulated to improve installation & sealing of compression type gaskets for cast iron soil pipe joints.

SECTION 2 - HAZARD(S) IDENTIFICATION

Labels   Health Hazard Flammable	NFPA <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> HEALTH HAZARD 4 - Deadly 3 - Extreme Danger 2 - Hazardous 1 - Slight Hazardous 0 - Normal Material </td> <td style="width: 50%; vertical-align: top;"> FIRE HAZARD Flash Points 4 - Below 73°F 3 - Below 100°F 2 - Above 100°F, Not exceeding 200°F 1 - Above 200°F 0 - Will not burn </td> </tr> <tr> <td style="vertical-align: top;"> SPECIFIC HAZARD Oxidizer Acid Alkali Corrosive Use NO WATER Radioactive </td> <td style="vertical-align: top;"> REACTIVITY 4 - May detonate 3 - Shock and heat may detonate 2 - Violent chemical change 1 - Unstable if heated 0 - Stable </td> </tr> </table>	HEALTH HAZARD 4 - Deadly 3 - Extreme Danger 2 - Hazardous 1 - Slight Hazardous 0 - Normal Material	FIRE HAZARD Flash Points 4 - Below 73°F 3 - Below 100°F 2 - Above 100°F, Not exceeding 200°F 1 - Above 200°F 0 - Will not burn	SPECIFIC HAZARD Oxidizer Acid Alkali Corrosive Use NO WATER Radioactive	REACTIVITY 4 - May detonate 3 - Shock and heat may detonate 2 - Violent chemical change 1 - Unstable if heated 0 - Stable	GHS Classification <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> Health Acute Toxicity: Not Established Skin Irritation: Not Established Eye Irritation: Not Established Skin Sensitization: NO </td> <td style="width: 50%; vertical-align: top;"> Environmental Acute Aquatic Toxicity: Not Established Chronic Aquatic Toxicity: Not Established </td> </tr> <tr> <td colspan="2" style="text-align: center;"> Physical Flammability: Cat. 2 </td> </tr> </table>	Health Acute Toxicity: Not Established Skin Irritation: Not Established Eye Irritation: Not Established Skin Sensitization: NO	Environmental Acute Aquatic Toxicity: Not Established Chronic Aquatic Toxicity: Not Established	Physical Flammability: Cat. 2	
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HEALTH	2									
FLAMMABILITY	3									
REACTIVITY	0									

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemicals	CAS#	EINECS#	REACH Pre-registration Number	Approx %
TOLUENE	108-88-3	203-625-9	N/A	50%
TRADE SECRET	N/A	N/A	N/A	N/A
STODDARD SOLVENT	8052-413	232-489-3	N/A	25%

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

SECTION 4 - FIRST-AID MEASURES

Inhalation: Move into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and call physician.

Skin: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water.

Eyes: Flush with water for 15 minutes. If irritation persists, get medical attention.

Ingestion: Give 1 or 2 glasses of water. DO NOT INDUCE VOMITING. Contact physician immediately.

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SECTION 5 – FIRE-FIGHTING MEASURES

Fire Hazard: Vapors may travel a considerable distance to a source of ignition and flash back.
Combustion Products: None.
Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam.
Unsuitable Extinguishing Media: None Known.
Protective Equipment: Self-contained breathing apparatus {(SCBA), MSHA/NIOSH}. Full protective gear.
Special Fire Fighting Procedures: Stop spill/release and move undamaged containers from the 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 purposes.

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 protective gloves and eye goggles. Wear synthetic apron or standard long sleeved work apparel and a vapor respirator.
Emergency Procedures: Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
Environmental Precautions: Avoid runoff into storm sewers, ditches and waterways.
Methods for Cleaning Up: This product contains 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.

SECTION 7 – HANDLING AND STORAGE

Handling

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.

Storage

Store in a cool, dry, well-ventilated area away from incompatible materials. Keep container closed when not in use. Keep away from heat, sparks, open flame and other sources of ignition. Ground during transfer. **Incompatible Materials:** Strong oxidizing agents and strong acids or bases.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Hazardous Chemicals</u>	<u>Exposure Limits</u>		
	<u>ACGIH-TLV</u>	<u>ACGIH-STEL</u>	<u>OSHA-PEL</u>
TOLUENE	100 ppm	N/A	200 ppm
TRADE SECRET	N/A	N/A	N/A
STODDARD SOLVENT	N/A	N/A	500 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: Mechanical ventilation is adequate.
Personal Protective Equipment – Respiratory: If use conditions generate vapors or mists, wear a NIOSH-approved respirator appropriate for those emission levels. Appropriate respirators may be a full face piece 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.
Personal Protective Equipment – Skin: Chemical resistant gloves. Long-sleeve shirt, coveralls, and safety shoes.
Personal Protective Equipment – Eyes: Chemical goggles.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance: Black Viscous Liquid	Flash Point: 40°F (T.C.C.)	Vapor Pressure: 23
Odor: Characteristic solvent odor	Specific Gravity: 0.926	Flammability: Not Established
pH: Not Established	Solubility (H2O): Insoluble	Flammability Limits: LEL – 0.9%
Melting Point: Not Established	Evaporation Rate: <1	UEL – 7.0%
Freezing Point: Not Established	Vapor Density: 3.3	
Boiling Point: 215°F	VOC: 658 g/l	

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.
Hazardous polymerization: Will not occur.
Conditions to avoid: Heat, sparks, open flames and all possible sources of ignition.
Incompatible materials: Strong oxidizing agents and strong acids or bases.
Hazardous decomposition products: Carbon Monoxide and Carbon Dioxide.

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SECTION 11 – TOXICOLOGICAL INFORMATION

<u>Hazardous Chemicals</u>	<u>Toxicity</u>	<u>LC₅₀</u>
TOLUENE	LD ₅₀ N/A	N/A
TRADE SECRET	N/A	N/A
STODDARD SOLVENT	N/A	N/A

Likely Routes of Exposure: Inhalation, Skin Contact, Eye Contact and Ingestion.

Symptoms and Effect - Inhalation: It is a respiratory tract irritant and anesthetic. Causes central nervous system depression (e.g. headache, drowsiness, dizziness, loss of coordination & fatigue). **Skin Contact:** May cause mild skin irritation. Prolonged or repeated contact may cause redness, burning, drying and cracking of the skin. **Eye Contact:** May cause mild eye irritation. Direct contact with the liquid or exposure to vapors or mists may cause stinging, tearing or redness. **Ingestion:** Ingestion of excessive quantities may cause irritation of the digestive tract and signs of nervous system depression. **ASPIRATION HAZARD** – This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

Long-Term Effect: Chronic effects of overexposure – 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.

Pre-Existing Conditions: Skin contact may aggravate an existing dermatitis.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: None.

Persistence & Degradability: None.

Bioaccumulative Potential: None.

Mobility in soil: In normal use, emission of Volatile Organic Compounds (VOC's) to the air takes place, typically at a rate of ≤ 658 g/l.

SECTION 13 – DISPOSAL CONSIDERATION

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

SECTION 14 – TRANSPORTATION INFORMATION

Shipping Information

Shipping Name: Adhesives, Containing a Flammable Liquid
Hazardous Class: 3
I.D. Number: UN1133
Packing Group: II
Label Required: Flammable Liquid
Marine Pollutant: No

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 Consumer Commodity ORM-D.

SECTION 15 – REGULATORY INFORMATION

Precautionary Label Information: Health Hazard, Flammable.

Risk Phrases: R10-Flammable. R36/37-Irritant to eyes and respiratory system. 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. Calif. PRO. 65 – Chemical Warning (California Health and Safety Code #25249.5 ET SEQ). – Warning: This product contains chemicals known to the state of California to cause cancer, birth defects or reproductive harm. Read and follow label directions and information given on GHS Safety Data Sheets and use care when handling or using all petroleum products.

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: 01/01/2019