



BLACK SWAN MFG. CO.

GHS SAFETY DATA SHEET



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
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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: Liquid Roof Coating**Recommended Use:** An asphalt base liquid coating used to preserve and protect different types of roofs.

SECTION 2 – HAZARD(S) IDENTIFICATION

Labels

Health Hazard



Flammable



Irritant

Signal Word

Danger

HMIS

HEALTH

1

FLAMMABILITY

2

REACTIVITY

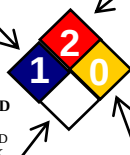
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NEPA**HEALTH HAZARD**

4 – Deadly
3 – Extreme Danger
2 – Hazardous
1 – Slight Hazardous
0 – Normal Material

SPECIFIC HAZARD

Oxidizer OX
Acid ACID
Alkali ALK
Corrosive COR
Use NO WATER
Radioactive W

**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

REACTIVITY

4 – May detonate
3 – Shock and heat may detonate
2 – Violent chemical change
1 – Unstable if heated
0 – Stable

GHS Classification**Health**

Acute Toxicity: Not Established

Skin Irritation: Cat. 2

Eye Irritation: Cat. 2A

Skin Sensitization: NO

Environmental

Acute Aquatic Toxicity: Not Established

Chronic Aquatic Toxicity: Not Established

Physical

Flammability: Cat. 3

Hazardous Statements

H226: Flammable liquid and vapor
H304 & H305: May be harmful or fatal if swallowed and enters airways
H316: Causes mild skin irritation
H320: Causes eye irritation
H332: Harmful if inhaled
H335: May cause respiratory irritation

Precautionary Statements

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
P233: Keep container tightly closed
P260: Do not breathe dust/fumes/gas/mist/vapors/spray
P262: Do not get in eyes, on skin or on clothing
P264: Wash thoroughly after handling
P271: Use only outdoors or in a well-ventilated area
P280/P284: Wear protective gloves/protective clothing/eye protection/face protection. Wear a NIOSH approved respirator for organic solvents.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemicals	CAS#	EINECS#	REACH Pre-registration Number	Approx %
ASPHALT	8052-42-4	232-490-9	N/A	<45-50%
MINERAL SPIRITS	8052-41-3	232-489-3	N/A	<15-25%
1,2,4-TRIMETHYLBENZENE	95-63-6	202-436-9	N/A	<1-5%
BENTONITE	1302-78-9	215-108-5	N/A	<1-5%
BENZENE, 1,3,5-TRIMETHYL	108-67-8	203-604-4	N/A	<1-5%
CELLULOSE	9004-34-6	232-647-9	N/A	<1-5%

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

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SECTION 4 – FIRST-AID MEASURES

Inhalation: Move into fresh air. Immediately call a poison center or doctor. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Skin: Wash skin thoroughly with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. If skin irritation occurs, get medical attention.

Eyes: Flush with water for 15 minutes. Remove contact lenses if present and easy to do so. If irritation persists, get medical attention.

Ingestion: DO NOT INDUCE VOMITING. Contact physician immediately.

SECTION 5 – FIRE-FIGHTING MEASURES

Fire Hazard: Keep away from sources of ignition and heat. Containers may explode when heated.

Combustion Products: Carbon Monoxide, Carbon dioxide, Hydrocarbons.

Extinguishing Media: Foam, Dry Chemical, Carbon Dioxide, Water Spray, Fog.

Unsuitable Extinguishing Media: Do not use direct stream of water.

Protective Equipment: Self-contained breathing apparatus {(SCBA), MSHA/NIOSH} and 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. Avoid water in a straight hose stream. Stream will cause splatter and spread the fire. If product is heated above flash point it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along ground and are ignited by sources of ignition and heat.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Personnel cleaning up the spill should wear appropriate personal protective equipment, including respirators if vapor concentrations are high. Stay upwind and ventilate the area before entry.

Protective Equipment: Wear suitable respiratory protective equipment.

Emergency Procedures: Eliminate all ignition sources. Isolate contaminated area.

Environmental Precautions: Avoid runoff into storm sewers, ditches, waterways and confined areas.

Methods for Cleaning Up: Soak up spill with sand or other absorbent and recover free liquid. Place in container. Do not use water to flush spill area. Remove all sources of ignition. Wash and ventilate area.

SECTION 7 – HANDLING AND STORAGE

<u>Handling</u> Avoid contact with eyes, skin and clothing. Use only outdoors or in a well-ventilated area. Keep container closed. Wash thoroughly after using.	<u>Storage</u> Store in a cool, dry, well-ventilated area. Keep container closed when not in use. Keep away from heat, sparks, open flame and other sources of ignition. Keep out of reach of children. Incompatible Materials: Strong oxidizers and acids.
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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>	
CELLULOSE	10 mg/m ³	N/A	15 mg/m ³ (TOTAL DUST), 5 mg/m ³ (RESPIRABLE FRACTION)
MINERAL SPIRTIS	100 ppm	N/A	500 ppm; 2900 mg/m ³
ASPHALT	0.5 mg/mg ³	N/A	N/A

Engineering Controls: A source of running water to flush or wash the eyes and skin in case of contact.

Ventilation: Local ventilation is adequate. Maintain exposure below TLV level.

Personal Protective Equipment – Respiratory: Not normally required in well-ventilated area. If TLV is exceeded, a NIOSH/MSHA approved breathing apparatus is recommended.

Personal Protective Equipment – Skin: Nitrile rubber gloves.

Personal Protective Equipment – Eyes: Safety goggles.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Thick black liquid	Flash Point:	105°F min.	Vapor Pressure:	2 mm Hg 68°F
Odor:	Mild Hydrocarbon	Specific Gravity:	Less than 1	Flammability:	Not Established
pH:	Not Established	Solubility (H2O):	N/A	Flammability Limits:	LEL – 0.9% UEL – 6.0%
Melting Point:	Not Established	Evaporation Rate:	N/A		
Freezing Point:	Not Established	Vapor Density:	4.9 (air=1)		
Boiling Point:	315°F – 550°F	VOC:	250 g/l		

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SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.

Hazardous polymerization: Will not occur.

Conditions to avoid: Strong oxidizing agents, sparks, flames, electrical and static discharge.

Incompatible materials: Strong oxidizers and acids.

Hazardous decomposition products: Carbon Dioxide, Carbon Monoxide and hydrocarbons.

SECTION 11 – TOXICOLOGICAL INFORMATION

<u>Hazardous Chemicals</u>	<u>Toxicity</u>	
	<u>LD₅₀</u>	<u>LC₅₀</u>
ASPHALT	Oral: >5000 mg/kg (rat)	Inhale: >94.4 mg/m ³ (rat)
BENTONITE	N/A	N/A
BENZENE, 1,3,5-TRIMETHYL	Oral: 5000 mg/kg (rat)	N/A
CELLULOSE	Oral: >5 mg/kg	Inhale: >5800 mg/m ³ (rat)

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

Symptoms and Effect - Inhalation: Excessive breathing of high vapor concentration can cause nasal and respiratory irritation, dizziness, nausea and possible unconsciousness and even asphyxiation. **Skin Contact:** Prolonged or repeated contact may cause irritation. **Eye Contact:** Contact may cause irritation, blurred vision. **Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis, which can be fatal.

Long-Term Effect: None known.

Pre-Existing Conditions: Pre-existing lung and skin disorders.

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 12 – ECOLOGICAL INFORMATION

Ecotoxicity: None known.

Persistence & Degradability: None known.

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.

SECTION 14 – TRANSPORTATION INFORMATION

D.O.T. (U.S.): Department of transportation

Shipping name: Not restricted if shipped in container <450L. Restricted if shipped in containers >450L.

SECTION 15 – REGULATORY INFORMATION

Precautionary Label Information: None.

Risk Phrases: None.

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.

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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: 01/01/2025