



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
E-mail : info@blackswanmfg.com

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: Roof-Proof

Recommended Use: Roof cement ideal for sealing flashings, vents, laps, etc.

SECTION 2 – HAZARD(S) IDENTIFICATION

Labels



Health Hazard



Flammable



Irritant

Signal Word

Warning

HMIS

HEALTH

1

FLAMMABILITY

2

REACTIVITY

1

NFPA

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 W
Radioactive R

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

P102: Keep out of reach of children
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
P261: Avoid breathing 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

<u>Chemicals</u>	<u>CAS#</u>	<u>EINECS#</u>	<u>REACH</u> <u>Pre-registration Number</u>	<u>Approx %</u>
ASPHALT	8052-42-4	232-490-9	N/A	<45-50%
MINERAL SPIRITS	8052-41-3	232-489-3	N/A	<8-20%
CELLULOSE	9004-34-6	232-647-9	N/A	<2-6%
BENTONITE	1302-78-9	215-108-5	N/A	<10-25%
1,2,4-TRIMETHYLBENZENE	95-63-6	202-436-9	N/A	<1%
BENZENE, 1,3,5-TRIMETHYL	108-67-8	203-604-4	N/A	<1%
SURFACTANT	30113-45-2	250-056-7	N/A	<0.5%

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

GHS SAFETY DATA SHEET

SECTION 4 – FIRST-AID MEASURES

Inhalation: Move into fresh air. If breathing is difficult, give oxygen and call physician.
Skin: Wash skin thoroughly with soap and water. If irritation persists, 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: Closed container may explode when exposed to extreme heat. Products of combustion may be toxic.
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: Remove all sources of ignition and ventilate area. For leaks, stop leak if it can be done safely. 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: Soak up spill with sand or other absorbent. Place in container. Do not use water to flush spill area. Remove all sources of ignition.

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 tightly 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, acids, and halogenated chemicals.
--	--

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Exposure Limits</u>			
<u>Hazardous Chemicals</u>	<u>ACGIH-TLV</u>	<u>ACGIH-STEL</u>	<u>OSHA-PEL</u>
PETROLEUM ASPHALT	0.5 mg/m ³ (Fume)	N/A	N/A
STODDARD SOLVENTS	100 ppm	N/A	N/A
CELLULOSE FIBER	10 mg/m ³	N/A	N/A
SILICATE MINERAL	10 mg/m ³ (Dust)	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 or Neoprene rubber gloves. Solvent resistant apron/boots. Wear clothing that covers skin.
Personal Protective Equipment – Eyes: Safety goggles/Face Shield.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance: Black Odor: Petroleum pH: Not Established Melting Point: Not Established Freezing Point: Not Established Boiling Point: 300°F – 400°F	Flash Point: 105°F Specific Gravity: =1.046 Water =1 Solubility (H2O): Soluble Evaporation Rate: Not Established Vapor Density: =1 Air=1 VOC: 200 g/l	Vapor Pressure: Not Established Flammability: Not Established Flammability Limits: LEL – 0.9% UEL – 6.0%
--	--	--

GHS SAFETY DATA SHEET

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.

Hazardous polymerization: Will not occur.

Conditions to avoid: Sparks, flames, electrical and static discharge.

Incompatible materials: Strong oxidizers, acids, halogenated chemicals and flame.

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)
CELLULOSE	Oral: >5 mg/kg (rat)	Inhale: >5800 mg/m ³ (rat)
BENTONITE	N/A	N/A
1, 2, 4-TRIMETHYLBENZENE	Oral: >5 mg/kg (rat)	Inhale: 1800 mg/m (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.

Carcinogenicity: Material contains Petroleum Asphalt. IARC has determined that there is adequate evidence that asphalt alone is carcinogenic to humans, in solution; solvent extracts can produce skin cancer in animals following prolonged and repeated contact. IARC has conducted that there is sufficient evidence of the carcinogenicity of Asphalt extract. Therefore cutbacks like this product may also be implicated as potentially carcinogenic. Please follow GHS Safety Data Sheets precautionary measures.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: None known.

Persistence & Degradability: None known.

Bioaccumulative Potential: None known.

Mobility in soil: In normal use, emission of Volatile Organic Compounds (VOC's) to the air takes place, typically at a rate of 200 g/l.

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.): Not Regulated when shipped in containers <119 gallons.

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.

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.

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