



## 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](http://www.blackswanmfg.com)  
E-mail : [info@blackswanmfg.com](mailto: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: Graphite Packing****Recommended Use:** Graphite coated packing for sealing faucets, pumps, valves, etc., and other places where a washer is required.

## SECTION 2 – HAZARD(S) IDENTIFICATION

**Labels**

None

**Signal Word**

None

**HMIS**

|              |   |
|--------------|---|
| HEALTH       | 1 |
| FLAMMABILITY | 0 |
| REACTIVITY   | 0 |

**NFPA****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 OX  
Acid ACID  
Alkali ALK  
Corrosive COR  
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****Health**

Acute Toxicity: Not Established  
Skin Irritation: Not Established  
Eye Irritation: Not Established  
Skin Sensitization: Yes

**Environmental**

Acute Aquatic Toxicity: Not Established  
Chronic Aquatic Toxicity: Not Established

**Physical**

None

**Hazardous Statements**

None

**Precautionary Statements**

P102 : Keep out of reach of children

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

**Chemicals****CAS#****EINECS#****REACH  
Pre-registration Number****Approx %**

GRAPHITE

7782-42-5

N/A

N/A

5-10%

## SECTION 4 – FIRST-AID MEASURES

**Inhalation:** Move into fresh air.**Skin:** Wash skin thoroughly with soap and water.**Eyes:** Flush with water for 15 minutes. If irritation persists, get medical attention.**Ingestion:** DO NOT INDUCE VOMITING. Contact physician immediately.

## SECTION 5 – FIRE-FIGHTING MEASURES

**Fire Hazard:** It will ignite on contact with Chlorine Trifluoride & Fluorine.**Combustion Products:** None.**Extinguishing Media:** Small Fires: Dry Chemical; Large Fires: Water spray, fog or foam.**Unsuitable Extinguishing Media:** Water Jet.**Protective Equipment:** NIOSH approved respirator for nuisance dust.**Special Fire Fighting Procedures:** As appropriate for combustibles in area. Graphite dust may ignite on contact with air.

# GHS SAFETY DATA SHEET

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** None.  
**Protective Equipment:** None.  
**Emergency Procedures:** None.  
**Environmental Precautions:** None.  
**Methods for Cleaning Up:** Vacuum or sweep loose particles and/or dust.

## SECTION 7 – HANDLING AND STORAGE

### Handling

Ground all equipment containing material. Do not breathe dust.  
Keep away from incompatibles such as oxidizing agents.

### Storage

Keep bag tightly closed. Keep bag in cool, well ventilated area.  
Do not store above 73.4°F (23°C).

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits

This product is not classified as hazardous according to OSHA 1910.1200.

**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:** Local ventilation is adequate.  
**Personal Protective Equipment – Respiratory:** Dust Respirator. **Skin:** Rubber Gloves. **Eyes:** Safety Glasses.

## SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

|                        |                 |                          |                         |                             |                       |
|------------------------|-----------------|--------------------------|-------------------------|-----------------------------|-----------------------|
| <b>Appearance:</b>     | Charcoal String | <b>Flash Point:</b>      | Not Established         | <b>Vapor Pressure:</b>      | Not Established       |
| <b>Odor:</b>           | Odorless        | <b>Specific Gravity:</b> | 0.3-1.8                 | <b>Flammability:</b>        | Not Established       |
| <b>pH:</b>             | Not Established | <b>Solubility (H2O):</b> | Insoluble in cold water | <b>Flammability Limits:</b> | LEL - Not Established |
| <b>Melting Point:</b>  | 6602°F          | <b>Evaporation Rate:</b> | Not Established         |                             | UEL - Not Established |
| <b>Freezing Point:</b> | Not Established | <b>Vapor Density:</b>    | Not Established         |                             |                       |
| <b>Boiling Point:</b>  | Not Established | <b>VOC:</b>              | 0 g/l                   |                             |                       |

## SECTION 10 – STABILITY AND REACTIVITY

**Stability:** Stable  
**Hazardous polymerization:** Will not occur  
**Conditions to avoid:** Reacts vigorously with liquid potassium and potassium. If graphite contact liquid potassium, rubidium or caesium at 572°F, intercalation compounds may be formed.  
**Incompatible materials:** None known  
**Hazardous decomposition products:** Carbon Dioxide, Carbon Monoxide, Acetic acid, Silicone Dioxide, Formaldehyde.

## SECTION 11 – TOXICOLOGICAL INFORMATION

### Toxicity

This product is not classified as hazardous according to OSHA 1910.1200.

**Likely Routes of Exposure:** Inhalation and Skin.  
**Symptoms and Effect - Inhalation:** May be harmful if inhaled. Dust causes respiratory tract and mucous membrane irritation. **Skin Contact:** None.  
**Eye Contact:** May cause irritation to eyes. **Ingestion:** May be harmful if swallowed. May cause gastrointestinal tract irritation with nausea and vomiting.  
**Long-Term Effect:** Inhalation of high concentrations of graphite dust over prolonged periods of time may cause pneumoconiosis.  
**Pre-Existing Conditions:** None known.

## 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.): Not Regulated.

## GHS SAFETY DATA SHEET

### SECTION 15 – REGULATORY INFORMATION

**Precautionary Label Information:** None.

**Risk Phrases:** None.

**Safety Phrases:** S2-Keep out of reach of children.

### 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**