



## MATERIAL SAFETY DATA SHEET

(Complies with 29 CFR 1910.1200)

### SECTION I - GENERAL

Reed Minerals, Harsco Corporation  
P.O. Box 0515  
Camp Hill, PA 17001-0515  
regulated.

**Emergency Telephone Number**  
(717) 763-4200

**Product Name:** Black Beauty® Abrasives  
**CAS Number:** 68476-96-0  
Particles not otherwise

**Common Name:** Slag, Coal  
**Date:** February, 1998

### SECTION II - INGREDIENTS

	<u>OSHA</u> <u>*PEL</u>	<u>ACGIH</u> <u>*TLV</u>
Slag, Coal 99% - 100%		
<b>Nuisance Particulate</b>		
<b>Total Particulate</b>	15	10
<b>Respirable Particulate</b>	5	3

\* Values expressed as mg/m<sup>3</sup>

### SECTION III - PHYSICAL DATA

**Physical Form:** Solid (angular granules)  
**Boiling Temperature:** N/A  
**Melting Temperature:** Greater than 2300°F  
**Vapor Pressure/Density:** N/A  
**Evaporation Rate:** N/A  
**Specific Gravity:** 2.7 g/cc (typical)  
**Water Solubility:** Negligible  
**Color:** Black  
**Odor:** None

### SECTION IV - FIRE AND EXPLOSION DATA

Product is non-flammable and non-explosive.



## **SECTION V - REACTIVITY DATA**

Product is stable under normal conditions of use, storage, and transportation.

## **SECTION VI - HEALTH HAZARD DATA**

Low health risk by inhalation. Treat as a nuisance dust. Typical free silica less than 0.1%. This material is not a recognized carcinogen or co-carcinogen. Human toxic response has not been demonstrated for any route of entry. Mechanical irritation may occur to eyes, skin or respiratory tract. Pre-existing health conditions may be aggravated.

**Carcinogenicity:** NTP - No; IARC Monographs - No; OSHA Regulated - No

## **FIRST AID**

### **IN CASE OF:**

1. Eye contact - Immediately flush eyes thoroughly with water or an ophthalmic saline solution.
2. Skin contact - Wash skin with soap and water if irritation occurs.
3. Inhalation - Remove affected person(s) to fresh air source.
4. Oral intake - Rinse mouth out with water.

If symptoms persist, contact a physician or other medical personnel.

## **SECTION VII - SPILL, LEAK AND DISPOSAL PROCEDURES**

No special procedures required for clean-up. Wetting with water will reduce any airborne dust. Uncontaminated product does not exceed Toxicity Characteristic Leaching Procedure (TCLP) limits and may be disposed of as an inert material in an appropriate solid waste landfill according to applicable Federal, State and Local regulations.

## **SECTION VIII - CONTROL MEASURES**

Use appropriate NIOSH certified respiratory protection when exposure limits may be exceeded. Maintain sufficient ventilation to allow visual contact with work surfaces. Appropriate abrasive blaster's protective equipment is required, which may also include gloves, hood with protective lens, safety glasses, and hearing protection.

## **SECTION IX - SPECIAL PRECAUTIONS**



Keep product dry and free of all contamination to assure free flow. Use an appropriate safety screen over fill hatch of blasting pot. Respirable dusts may be generated during pressure abrasive cleaning operations.

- NOTE -

The opinions expressed herein are those of qualified experts within Harsco Corporation. Harsco believes that the information contained herein is current and accurate for the normal and intended use of this product as of the date of this Material Safety Data Sheet. Since the use of this information and of those opinions or the conditions of use of the product are not within the control of Harsco Corporation, it is the user's obligation to determine and observe the conditions of safe use and disposal of the product by their operations.

(RM 6/98)

Reed Minerals, Harsco Corporation  
P.O. Box 0515  
Camp Hill, PA 17001-0515  
Telephone (717) 763-4200 Fax (717) 763-6496

**A**ggregates, **B**uilding, and **C**ommitment. . . **REED MINERALS**

