



U.S. MINERALS

Material Safety Data Sheet

Material Name: Coal Slag Roofing Granules, Black Magnum Coal Slag Abrasive

*** Section 1 - Chemical Product and Company Identification ***

Manufacturer Information

U.S. Minerals
2105 North Winds Drive
Dyer, IN 46311

Phone: 219-864-0909

Emergency # CHEMTREC 800-424-9300

*** Section 2 - Hazards Identification ***

Emergency Overview

Treat as a nuisance dust. Mechanical irritation may occur to eyes, skin, gastrointestinal, and/or respiratory tract.
Typical free silica is less than 0.1%.

Potential Health Effects: Eyes

May cause irritation.

Potential Health Effects: Skin

May cause irritation.

Potential Health Effects: Ingestion

Not considered a likely route of exposure under normal product use. May cause gastrointestinal irritation if swallowed.

Potential Health Effects: Inhalation

May cause respiratory tract irritation.

HMIS Ratings: Health: 1 Fire: 0 HMIS Reactivity 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard ***

Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
68476-96-0	Slags, coal	99-100

*** Section 4 - First Aid Measures ***

First Aid: Eyes

Flush immediately with water for at least 15 minutes. Do not rub eyes.

First Aid: Skin

For skin contact, flush with large amounts of water. If irritation persists, get medical attention.

First Aid: Ingestion

If ingestion of a large amount does occur, seek medical attention.

First Aid: Inhalation

Move person to non-contaminated air. If the affected person is not breathing, apply artificial respiration.

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards

See Section 9 for Flammability Properties.

None

Hazardous Combustion Products

Not determined

Extinguishing Media

Water spray, Carbon Dioxide, Foam or Dry Chemical.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective gear.

NFPA Ratings: Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

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*** Section 6 – Accidental Release Measures ***

Containment Procedures

Contain the discharged material.

Clean-Up Procedures

Avoid generating dust; wet methods and vacuuming are preferred.

Evacuation Procedures

Isolate area. Keep unnecessary personnel away.

Special Procedures

Avoid contact with skin and eyes.

*** Section 7 – Handling and Storage ***

Handling Procedures

Wash hands after handling and before eating.

Storage Procedures

Keep this material in a cool, well-ventilated place.

*** Section 8 – Exposure Controls / Personal Protection ***

A: Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

Engineering Controls

Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Wear goggles or face shield as appropriate.

Personal Protective Equipment: Skin

Rubber or cloth type to limit skin contact.

Personal Protective Equipment: Respiratory

NIOSH approved filters if dust exposure approaches TLV. Use supplied air in a sandblasting operation.

Appropriate respiratory protection for respirable particulates is based on consideration of air borne workplace concentrations and duration of exposure arising from the intended end use. Please refer to the most recent standards of ANSI (Z88.2), OSHA (29CFR 1910.134), MSHA (30 CFR Parts 56 & 57), and NIOSH RDL. If you are unsure as to the type of respirator to be used please consult your employer.

Personal Protective Equipment: General

Eye wash fountain is recommended.

*** Section 9 – Physical & Chemical Properties ***

Appearance:	Black	Odor:	None
Physical State:	Coarse Solid	pH:	NA
Vapor Pressure:	ND	Vapor Density:	NA
Boiling Point:	ND	Melting Point:	>2000°F
Solubility (H2O):	Negligible	Specific Gravity:	2.6-2.9
Evaporation Rate:	ND	VOC:	ND
Octanol/H2O Coeff.:	ND	Flash Point:	None
Flash Point Method:	ND	Upper Flammability Limit (UFL):	NA
Lower Flammability Limit (LFL):	NA	Burning Rate:	ND
Auto Ignition:	ND		



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*** Section 10 – Chemical Stability & Reactivity Information ***

Chemical Stability

This is a stable material.

Chemical Stability: Conditions to Avoid

None, material considered inert and not reactive.

Incompatibility

None

Hazardous Decomposition

None

Possibility of Hazardous Reactions

Will not occur.

*** Section 11 – Toxicological Information ***

Acute Dose Effects

A: General Product Information

No information available for the product.

B: Component Analysis - LD50/LC50

No LD50/LC50's are available for this product's components.

Carcinogenicity

A: General Product Information

No information available for the product.

B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

*** Section 12 – Ecological Information ***

Ecotoxicity

A: General Product Information

No information available for the product.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

*** Section 13 – Disposal Considerations ***

US EPA Waste Number & Descriptions

Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

All wastes must be handled in accordance with local, state and federal regulations.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

*** Section 14 – Transportation Information ***

US DOT Information

Shipping Name: Not Regulated

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***** Section 15 – Regulatory Information *****

US Federal Regulations

Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

Additional Regulatory Information

Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Slags, coal	68476-96-0	Yes	DSL	EINECS

***** Section 16 – Other Information *****

Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.

End of Sheet

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