



## Reed Minerals

Harsco®



THE ORIGINAL  
**BLACK BEAUTY®**

### LOW-FREE SILICA ABRASIVES

#### FEATURES

- Less than **0.1%** free silica
- Hard angular particles
- Uniform density
- Low friability
- Low dusting
- Chemically inert
- Passes California Title 17 (CARB)  
(Selected certified plant locations)
- Passes 40CFR 261.24a (TCLP)
- QPL Approved: MIL-A-22262B(SH),  
SSPC AB-1 (Selected plant locations)

#### BENEFITS

**BLACK BEAUTY®** abrasives are an original green, recycled product manufactured from coal combustion by-product.

**BLACK BEAUTY®** abrasives are fast cutting, low dusting, and tough enough to get the job done.

**BLACK BEAUTY®** abrasives have less than 0.1% free silica compared to sand at up to 99% free silica.

**BLACK BEAUTY®** abrasives are not causally linked with any disease, including silicosis. They exceed military, industry and California standards, thereby enhancing worker safety and potentially reducing costs associated with special waste handling and worker liability insurance.

**BLACK BEAUTY®** abrasives comply with the newest and most technically advanced abrasive specifications available.



*REED Minerals . . . Committed to providing QUALITY products and services*



# BLACK BEAUTY® Abrasives



The product name **BLACK BEAUTY®** refers to a by-product of the combustion of coal that is processed into abrasive products by REED Minerals, a division of Harsco Corporation.

Typically, it is fused ferro-alumino-silicate of complex composition, formed when the molten slag is quenched in cold water. The quenching instantly solidifies the molten solution into an amorphous or non-crystalline glass, and by thermal shock, fractures the slag into rough, angular particles. The overall appearance of the material is that of a coarse, black aggregate.

**Product Features** that are beneficial for **BLACK BEAUTY®** abrasives:

- **High Hardness** – Product ranges between 6 and 7 on the Moh's Scale of Mineral Hardness, and is characterized by low friability and low dusting, especially important on jobsites in congested areas or where emission containment is specified.
- **Angular Particle Shape** - Provides for excellent abrasive qualities; high productivity, surface cleanliness, and surface profile.

- **Specific Gravity** – Consistency of chemistry provides a consistent specific gravity.
- **Less than 0.1% free silica** – “High free silica” products have been found to increase the risk of silicosis. **BLACK BEAUTY®** abrasive is classified as a “low free silica” abrasive and can be used when “low free silica” abrasives are specified.
- **Chemically stable** – **BLACK BEAUTY®** abrasive is chemically inert and virtually non-leachable as demonstrated by independent laboratory testing.

## Plants and Sales Offices

1-888-REEDMIN (733-3646)

### AL, Satsuma

240 Baldwin Road  
Satsuma, AL 36572  
(800) 731-7982

### KS, LaCygne

East 2150 Industrial Blvd.  
LaCygne, KS 66040  
(888) 733-3646

### OH, Gallipolis

5486 State Route 7 North  
Cheshire, OH 45620  
(304) 845-02111

### FL, Tampa

5950 Old 41A Highway  
Tampa, FL 33619  
(800) 731-7982

### KY, Drakesboro

9001 State Route 176 East  
Drakesboro, KY 42337  
(270) 476-8020

### TN, Memphis

2170 Plant Road  
Memphis, TN 38019  
(901) 789-0700

### IL, Pawnee

226 East 1640 Road  
Pawnee, IL 62558  
(217) 237-4335

### OH, Niles

412 McKees Lane  
Niles, OH 44446  
(330) 652-2002

### TX, Houston

13040-A Market Street  
Houston, TX 77015  
(800) 731-7982

### IL, Pekin

13090 E. Manito Road  
Pekin, IL 61554  
(309) 347-1962

### PA, Philadelphia

905 Steel Road South  
Fairless Hills, PA 19030  
(888) 733-3646

### TX, Rockdale

FM 1786 at Alcoa Sandow  
Rockdale, TX 76557  
(800) 731-7982

### IN, Gary

7100 West 9th Avenue  
Gary, IN 46406  
(888) 733-3646

### MO, Thomas Hill

4461 Highway F  
Clifton Hill, MO 65244  
(888) 733-3646

### WV, Moundsville

Route 2 South  
Moundsville, WV 26041  
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**Reed Minerals**

Harsco®

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