

# BLACK BEAUTY® Abrasives

## Product Features & Locations

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

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.

### **BLACK BEAUTY® abrasive product features:**

**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**

1-888-733-3646

#### **AL, Satsuma**

240 Baldwin Raod  
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(800) 731-7982

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905 Steel Road South  
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#### **OH, Gallipolis**

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#### **IL, Pawnee**

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#### **TN, Memphis**

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#### **TX, Houston**

13040-A Market Street  
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#### **IN, Gary**

7100 West 9th Avenue  
Gary, IN 46406  
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FM 1786 at Alcoa Sandow  
Rockdale, TX 76557  
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Drakesboro, KY 42337  
(270) 476-8020

#### **OH, Niles**

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(330) 652-2002