

# MATERIAL SAFETY DATA SHEET

## EAGLE ABRASIVES, INC.

4025 Steve Reynolds Blvd.  
Norcross, GA 30093

DATE REVISED, December 20, 2007

### I. GENERAL INFORMATION

PRODUCT: Premium Cut-off Wheel

Part #: K31638, K33238, K33638

#### CHEMICAL NAME & SYNONYMS:

Fiberglass, Aluminum Oxide, Silicon carbide, Zirconium Oxide  
Calcium Oxide, Sulfur, Barium Sulfate, Furfuryl Alcohol.

#### CHEMICAL FAMILY:

N/A

#### PROPER DOT SHIPPING

N/A

#### TRADE NAME & SYNONYMS:

Grinding Wheels

#### FORMULA:

N/A

#### DOT HAZARD CLASSIFICATION:

Not Restricted

MANUFACTURER'S PHONE # : 770-279-8111

CHEMTRAC PHONE # : Not Used

### II. INGREDIENTS

CHEMICAL NAME	Wgt%	COMMON NAME	SARS313	CAS. #	THRESHOLD LIMIT VALUE (UNITS)	CARCINOGEN
Fiberglass	0.5		N	65997-17-3	10mg/cum	N
Aluminum Oxide	50-90		N	1344-28-1	10mg/cum	N
Silicon Carbide	10-90		N	13463-67-7	10mg/cum	N
Zirconium Oxide	10-50		N	1314-23-4	5mg/cum	N
Calcium Oxide	0-4		N	1305-78-8	2mg/cum	N
Sulfur	0/5		N	7704-34-9	10mg/cum	N
Barium Sulfate	0-12		N	7727-43-7	10mg/cum	N
Furfuryl Alcohol	0-6		N	98-0-0	10ppm	N

### III. PHYSICAL DATA

<b>BOILING POINT: (F)</b> N/A	<b>SPECIFIC GRAVITY: (H<sub>2</sub>O=1)</b> N/A
<b>VAPOR PRESSURE: (mm Hg)</b> N/A	<b>PERCENT VOLATILE BY VOLUME: (%)</b> N/A
<b>VAPOR DENSITY: (Air=1)</b> N/A	<b>EVAPORATION RATE: ( =1)</b> N/A
<b>SOLUBILITY IN WATER:</b> N/A	<b>PH:</b> N/A
<b>APPEARANCE &amp; ODOR:</b> Brown Solid & Black solid. No odor	

### IV. FIRE & EXPLOSION HAZARD DATA

<b>FLASH POINT (TEST METHOD):</b> N/A
<b>AUTO IGNITION TEMPERATURE:</b> N/A
<b>LEL:</b> N/A
<b>UEL:</b> N/A
<b>FLAMMABLE LIMITS:</b> N/A
<b>EXTINGUISHING MEDIA:</b> N/A
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Use respiratory protection and nearest fire extinguisher
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b> N/A

## V. HEALTH HAZARD DATA

**PRODUCT: Premium Cut-off Wheel**

Part #: K31638, K33238, K33638

**Threshold Value:**

N/A

**OSHA Threshold Limit Value:**

N/A

**ACGIH Threshold Limit Value:**

N/A

**Carcinogen - NTP Program:**

N/A

**Carcinogen - IARC Program:**

N/A

**SYMPTOMS OF EXPOSURE**

Coughing, shortness of breath, chronic dust may affect breathing capacity.

May cause skin abrasion, eye irritation

**Medical Conditions Aggravated by Exposure:** N/A

**Primary Routes of Entry:** Inhalation, Ingestion, Skin, Eye

**EMERGENCY FIRST AID:**

**INHALATION:** Remove to fresh air, apply artificial respiration as needed. Obtain first aid or medical assistance.

**INGESTION:** Obtain first aid or medical assistance if needed.

**EYE:** Wash with large amounts of water. Obtain first aid or medical assistance if needed.

**SKIN:** Obtain first aid or medical assistance if needed.

## VI. REACTIVITY DATA

**STABILITY:** Stable

**CONDITIONS TO AVOID:** N/A

**INCOMPATIBILITY:** Avoid Alkalies PH>10.0 and Acids PH<4.0

**MATERIALS TO AVOID:** Avoid Alkalies PH>10.0 and Acids PH<4.0

**HAZARDOUS POLYMERIZATION:** N/A

**CONDITIONS TO AVOID:** N/A

**HAZARDOUS DECOMPOSITION PRODUCTS:**Product containing Phenol Formaldehyde may produce elements of Phenol & Formaldehyde from thermal decomposition.

## VII. ENVIRONMENTAL PROTECTION PROCEDURE

**SPILL RESPONSE:** Normal clean up procedure.

**WASTE DISPOSAL METHOD:** Standard landfill methods consistent with applicable federal, state & local laws.

## VIII. SPECIAL PROTECTION INFORMATION

**EYE PROTECTION:** Safty Glasses Recommended.

**SKIN PROTECTION:** Gloves if desired.

**RESPIRATORY PROTECTION:**

**VENTILATION RECOMMENDED:** LOCAL: recommended below TLV/TWA

Use MSHA or NIOSH respirator as required.

MECHANICAL: recommended below TLV/TWA

**OTHER PROTECTION:**

OTHER:

Hearing protection must be worn when required. Use of this product may create elevated sound levels.

equipment that has been in contact with this material: SEE Section VI, VII, VIII.

## IX. SPECIAL PRECAUTIONS

**HYGIENIC PRACTICES IN HANDLING & STORAGE:** Do not use damage products.Always refer to ANSI B7.1 for specific instruction for safe operation. Do not use wheels at speed greater than the product rating.Inspect each wheel for damage prior to mounting. Product deterioration is accelerated by storage in damp area or when exposed directly to water and condensation.

**PRECAUTIONS FOR REPAIR & MAINTENANCE OF CONTAMINATED EQUIPMENT:** N/A

**ECOLOGICAL:** Resin bonded products demonstrate similar degradation rates as Phenolic plastics.

**TOXICOLOGY:** Fibreglass fiber diameters (if used)are greater than 10um and are classified as non-respirable.