

**Material Safety Data Sheet**  
**Resin Bonded Abrasive Products**  
**Brand names: Mean Green & Zirc Cut-Off Wheels**

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

Product Name	Resin Bonded Abrasive Cut-Off Wheels
Trade Name	Mean Green Cut-Off Wheels, Zirc Cut-Off Wheels
Manufacturer	Preferred Abrasives Inc., 66 Industry Court Unit B, Troy, OH 45373
Phone #	800-729-5702
Fax #	937-332-8854
Effective Date	October 01, 2008

**Section 2- Hazard Ingredients / Identity Information** May contain one or more of the following:

<b>Hazardous Components (Specific Chemical Identity; Common Name(s))</b>	<b>CAS #</b>	<b>Wgt %</b>	<b>OSHA PEL (mg/m3)</b>	<b>ACGIH TLV (mg/m3)</b>	<b>Carcinogen</b>	<b>SARS3 13</b>
Fiberglass	65997-17-3	0.5	15mg/cum	10mg/cum	No	No
Aluminum Oxide	1344-28-1	50-90	15mg/cum	10mg/cum	No	no
Silicon Carbide	13463-67-7	10-90	15mg/cum	10mg/cum	No	No
Zirconium Oxide	1314-23-4	10-50	5mg/cum	5mg/cum	No	No
Cured Resin	9003-35-4	10-20	<b>Not established</b>	<b>Not established</b>	No	No
Cryolyte	15096-52-3	0-20	<b>Not established</b>	<b>Not established</b>	No	No
Wallastonite	13983-19-0	0-20	<b>Not established</b>	<b>Not established</b>	No	No
Calcium Oxide	1305-78-8	0-4	5mg/cum	2mg/cum	No	No
Iron Disulfide	1309-36-0	0-15	<b>Not established</b>	<b>Not established</b>	No	No
Sulfur	7704-34-9	0/5	10mg/cum	10mg/cum	No	No
Depolymerized Rubber	78-795-5	0-10	<b>Not established</b>	<b>Not established</b>	No	No
Barium Sulfate	7727-43-7	0-12	15mg/cum	10mg/cum	No	no
Furfuryl Alcohol	98-0-0	0-5	50 ppm	10 ppm	No	No

**Section 3-Hazards Information**

Inhalation and Acute Exposure Effects	As nuisance dust.
Inhalation Chronic Exposure Effect	As nuisance dust.
Eye Contact	Dust may irritate eyes.
Skin Contact Acute Exposure Effect	N/A
Ingestion Acute Exposure Effects	N/A

**Resin Bonded Abrasive Products****Brand names: Mean Green & Zirc Cut-Off Wheels**

---

**Section 4- First Aid Measures**

---

Inhalation	Remove to fresh air, if required obtain medical attention.
------------	--

---

Skin Contact	Wash area with soap and water. If required obtain medical attention.
--------------	--

---

Eye Contact	Wash with water. If required obtain medical attention.
-------------	--

---

**Section 5- Fire Fighting Measures**

---

Fire Fighting Procedures	N/A
--------------------------	-----

---

Hazardous Products/ Combustion	None
--------------------------------	------

---

Health Rating Source NFPA	None
---------------------------	------

---

Special Fire Fighting Procedures	Use nearest fire extinguisher
----------------------------------	-------------------------------

---

Unusual Fire and Explosion Hazard	N/A
-----------------------------------	-----

---

**Section 6- Accidental Release Measures**

---

Clean Up	Follow normal clean up procedures.
----------	------------------------------------

---

**Section 7- Handling Storage**

---

Handling	Do not use damaged products. Always refer to ANSI B7.1 for specific instructions for safe operation. Do not use wheels at speed greater than the product rating. Inspect each wheel for damage prior to mounting.
----------	---

---

Storage	Always refer to ANSI B7.1 for specific instructions for safe storage procedures. Product deterioration is accelerated by storage in damp areas or when exposed directly to water and condensation. Wheels made from resins will deteriorate in strength and performance over time.
---------	--

---

**Section 8- Exposure controls/ Personal Protections**

---

Respiratory Protection	Use MSHA or NIOSH respirator as required maintaining ventilation below the TLV/TWA.
------------------------	---

---

Ventilation	Use exhaust ventilation as necessary to maintain airborne concentration levels below the TLV/TWA.
-------------	---

---

Local Exhaust	Exhaust System
---------------	----------------

---

Protective gloves	As required by end user
-------------------	-------------------------

---

Eye protection	Always wear safety glasses or some type of eye protection when using abrasive products.
----------------	---

---

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

---

---

### **Section 9- Physical and Chemical Properties**

---

Structure	Solid mass.
Solubility in water	Not Soluble
Appearance and odor	Solid smooth or rough surface brown, odorless.

---

### **Section-10 Stability and reactivity**

---

Incompatibilities	Avoid alkalis of all types with pH>10.0 Avoid acids of all types with a pH<4.0
Decomposition	Products containing Phenol Formaldehyde may produce elements of Phenol and Formaldehyde from thermal decomposition.

---

### **Section-11 Other**

---

<b>Toxicology Information</b>	Fiberglass fiber diameters (if used) are greater than 10um and are classified as non-respirable.
<b>Ecological</b>	Resin bonded products demonstrate similar degradation rates as Phenolic plastics.
<b>Waste Disposal</b>	Use standard landfill methods according to Federal laws and those of your local and state governments.

---