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# Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

Date of Preparation: January 15, 2010

**Identity:** Resin Bonded Cut Off/Grinding Wheels

## Section I

**Manufacturer's Name:** ACM Products Co.

**Address:** 1187 Wilmette Ave. Suite 133  
 Wilmette, IL 60091

**Telephone:** 847-716-7369  
**Facsimile:** 847-716-7367

## Section II-

### Hazardous Ingredients/Identity Information

Hazardous Components (Chemical Id; Common Name)	OSHA PEL	ACGIH TLV	Percentage
Alpha- Alumina Alundum, Seeded Gel	10 mg/m3	10mg/m3	90%
Silicon Carbide, Crystolon	10 mg/m3	10mg/m3	90%
Zirconia Alumina (NZ,ZF,ZS)	5 mg/m3	5mg/m3	90%
<b>The Cut Off/Grinding Wheel may be comprised of 1 or more of the above abrasives and chemicals below.</b>			
Fluorides (as F)	2.5 mg/m3	2.5mg/m3	3%
Calcium Oxide (Lime)	5 mg/m3	2mg/m3	3%
Glass, Fibrous or Dust (Fiberglass)		10mg/m3	10%
Silicon Dioxide (Crystalline Silica)	.1mg/m3	.1mg/m3	> 1%

## Section III-

### Physical Chemical Characteristics

Boiling Point: N/A	Specific Gravity (H <sub>2</sub> O=1) 2-4
Vapor Pressure (mm Hg.): N/A	Melting Point: N/A
Vapor Density (AIR=1): N/A	Evaporation Rate (Butyl Acetate=1): N/A
Solubility in Water: Slight	Appearance & Odor: Solid Product; May give slight odor during use

## Section IV-

### Fire and Explosion Hazard Data

**Flash Point:** N/A

**Flammable Limits:** N/A

**Extinguishing Media:** Use Water

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:** None

## Section V-

### Reactivity Data

**Stability:** Very Stable

**Conditions to Avoid:** N/A

**Incompatibility:** N/A

**Hazardous Decomposition or Byproducts:** N/A

**Hazardous Polymerization:** Will Not Occur

**Conditions to Avoid:** None Known

## Section VI-

### Health Hazard Data

	Inhalation:	Skin	Ingestion
Routes of Entry	During Cutting/Grinding	Contact & Absorption	During Grinding/Cutting
Health Hazards (Acute & Chronic)	Possible Cough May Affect Breathing Capacity	May Experience Skin Irritation From Dust	No Known Adverse Effects; Ingestion is not Recommended

**Carcinogenicity:**

NTP? Not Listed. IARC Monographs? Not Listed. OSHA Regulated? Not Listed.

Signs & Symptoms of Exposure: Respiratory Irritation, Shortness of Breathe and or Skin Irritation/Redness caused by contact.

**Medical Conditions Generally Aggravated by Exposure:** Any Respiratory Condition.

**Emergency and First Aid Procedures:** Remove to fresh air; wash affected areas with soap and water. Seek medical attention if needed.

## Section VII-

### Precautions for Safe Handling & Use

**Steps to Be Taken in Case Material is Released or Spilled:** Sweep up or wash away with water.

**Waste Disposal Method:** Standard discard in approved landfill consistent with applicable Federal, State and Local Regulations.

**Precautions to Be Taken in Handling & Storing:** Store flat to prevent warping. Avoid bumping dropping wheels.

**Other Precautions:** Use wheel guards and safety shields and comply with OSHA and ANSI B7.1 Safety Regulations.

## Section VIII-

### Control Measures

**Respiratory Protection:** Any type of Respirator prescribed for fine dust.

**Ventilation:** When Dry Cutting, use vacuum exhaust. Wet Cutting recommended, helps keep dust down.

**Protective Gloves:** Not necessary but recommended

**Eye Protection:** Use approved Safety glasses/goggles.

**Other Protective Clothing or Equipment:** Use Ear Plugs if the noise level of the machinery is excessive.

**Work/Hygenic Practices:** Do not inhale grinding dust. Wash skin with soap & water after exposure.

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