



**1187 Wilmette Ave Suite 133
 Wilmette IL 60091
 T: 847-716-7369 F: 847-716-7367
 acmproducts.com**



Material Safety Data Sheet

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

Date of Preparation: January 15, 2011

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/m ³	10mg/m ³	90%
Silicon Carbide, Crystolon	10 mg/m ³	10mg/m ³	90%
Zirconia Alumina (NZ,ZF,ZS)	5 mg/m ³	5mg/m ³	90%
The Cut Off/Grinding Wheel may be comprised of 1 or more of the above abrasives and chemicals below.			
Fluorides (as F)	2.5 mg/m ³	2.5mg/m ³	3%
Calcium Oxide (Lime)	5 mg/m ³	2mg/m ³	3%
Glass, Fibrous or Dust (Fiberglass)		10mg/m ³	10%
Silicon Dioxide (Crystalline Silica)	.1mg/m ³	.1mg/m ³	> 1%

Section III-

Physical Chemical Characteristics

Boiling Point: N/A	Specific Gravity (H ₂ 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.

The preceding information and recommendations are furnished without warranty of any kind. The information is accurate to the best of ACM Products Co.'s knowledge or obtained from sources believed by ACM Products Co. to be accurate. ACM Products assumes no liability or legal responsibility to any user for reliance on said information. Customers are encouraged to conduct their own testing.