



**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:** Rubber Bonded Cut Off/Grinding Wheels

## Section I

**Manufacturer's Name:** ACM Products Company

**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
Sulpher (S8)	10 mg/m3	10mg/m3	
Silicon Carbide (SiC)	10 mg/m3	10mg/m3	
Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> )	10 mg/m3	10mg/m3	
Natural Rubber (C <sub>2</sub> H <sub>4</sub> )			+ 10-15%
Iron Oxide Fe <sub>2</sub> O <sub>3</sub> )	10 mg/m3	10 mg/m3	
<b>The Cut Off/Grinding Wheel may be comprised of 1 or more of the above abrasives and chemicals.</b>			

## Section III-

### Physical Chemical Characteristics

Boiling Point: N/A	Specific Gravity (H <sub>2</sub> O=1) 1.8-2.5
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: None	Appearance & Odor: Solid Product; May give 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:** Does not support combustion, water spray or immersion.

**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:** If exposed to open flame will generate free carbon (CO & CO<sub>2</sub>) as smoke.

**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 or 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 or Dust Mask 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 Company's knowledge or obtained from sources believed by ACM Products Company 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.