



200 RED ROAD
 COATESVILLE, PA 19320
 (610) 383-4200
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Material Safety Data Sheet

Section 1: Chemical Product and Company Information	
Product Name Trade Name	Resin Bond or Cork Filled Rubber Bond Grinding Wheels or Stones
Manufacturer	Pacer Industries, Inc. 200 Red Road Coatesville, PA 19320
Phone Number Fax Number	610-383-4200, 800-225-0315 610-383-4239
Effective Date	January 1, 2010

Section 2: Composition/Information on Ingredients					
Chemical Name	CAS #	OSHA PEL	ACGIH TLV	REG Y/N	CARC Y/N
Aluminum Oxide	1344-28-1	15 mg/m ³	10 mg ³	Y	N
Silicon Carbide	409-21-2	15 mg/m ³	10 mg ³	Y	N
The grinding wheel may contain one or both of the above abrasives. The following materials may be part of the bond system:					
Cured Resin A	NA	10 mg/m ³	10 mg ³	Y	N
Cured Resin B	NA	10 mg/m ³	10 mg/m ³	Y	N
Cured Rubber	78-79-5	10 mg/m ³	10 mg/m ³	Y	N
Sulfur	7704-34-9	15 mg/m ³	10 mg/m ³	Y	N
Calcium Oxide	1305-78-8	5 mg/m ³	2 mg/m ³	Y	N
Cork	NA	NA	NA	N	N
Potassium Fluoborate	14075-53-7	2.5 mg/m ³	2.5 mg/m ³	Y	N

HMIS Hazard Rating	
Health	0
Flammability	0
Reactivity	0
Personal Protection	E

Section 3: Hazards Identification	
Emergency Overview	Dust may be irritating. May cause delayed lung damage. Low hazard to usual industrial or commercial handling.
Target Organs:	Respiratory System
Inhalation:	Grinding generates dust. Prolonged exposure to grinding dust may cause respiratory problems or aggravate existing conditions. Inhalation during grinding can cause coughing and shortness of breath. Consideration should also be given to the airborne concentration of the material being ground
Eye Contact:	Dust generated during grinding may irritate eyes.
Skin Contact:	Excessive contact with dust may cause irritation
Ingestion:	No known effects but ingestion is not recommended

Other	Some grinding operations may cause noise or vibration irritation. Grinding wheels are not a known carcinogen
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Section 4: First Aid Measures	
Eyes	Immediately flush with plenty of water. Get medical attention if irritation persists
Skin:	Wash skin with soap and water. Get medical attention if irritation persists
Inhalation:	Move to fresh air.
Other:	If hearing problems persist, obtain medical assistance if necessary.

Section 5: Fire Fighting Measures	
Flash Point:	None
Flammable Limits:	None
Extinguishing Media:	Any media appropriate for surrounding fire.
Fire Fighting Equipment:	Fire fighters should wear goggles and self-contained breathing apparatus to avoid inhalation of smoke vapors.
Fire and Explosion Hazards:	None from this product.

Section 6: Accidental Release Measures	
Clean up:	Use normal clean up procedures
Disposal	Dispose of in accordance with local, state and federal regulations

Section 7: Handling and Storage	
Handling:	Do not use at speeds greater than product was made to be used. Inspect wheel for damage on arrival and prior to mounting on machine. Avoid breathing dust. Avoid skin and eye contact with grinding dust. Use in well-ventilated area.
Storage:	Wheels should not be exposed to water or other solvents; any temperature or humidity conditions that causes condensation on the wheels or freezing temperatures. See ANSI B7.1, 2.3.

Section 8: Exposure Controls/Personal Protections	
Respiratory Protection:	Use NIOSH approved respirators as required to maintain exposure below Threshold Limit Values (TLV/TWA). See OSHA 29 CFR 1910.134.
Skin Protection:	Leather, cloth, rubber or vinyl gloves as desired by user.
Eye Protection:	Safety goggles or safety glasses with side shields are recommended. See OSHA 29 CFR 1910.133.
Hearing Protection:	See OSHA 29 CFR 1910.215 concerning hearing protection.
Engineering Controls:	Local exhaust ventilation as necessary to keep dust levels below Threshold Limit Values (TLV/TWA)
Other Precautions:	Visually inspect all wheels before mounting for possible damage. Do not operate above maximum operating speed. Always use a guard. Refer to ANSI B7.1 for the "Safety Requirements for the Use, Care and Protection of Abrasive Wheels."

Section 9: Physical and Chemical Properties	
Boiling Point:	NA
Vapor Pressure:	NA
Vapor Density:	NA
Specific Gravity:	Varies
Solubility in Water:	Very slightly
Freezing Point:	NA
Melting Point:	NA
pH:	Not relevant
Physical Form:	Solid
Color:	Various
Odor:	May have odor

Section 10: Stability and Reactivity	
Stability (Conditions to Avoid):	This is a stable material. Avoid overspeed and unsafe use conditions.
Incompatibility (Specific Material to Avoid):	Avoid strong acids and bases
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition:	Dusts are generated in use. In most cases, dusts from the work piece will be significantly greater than from the grinding wheel. Coolants may produce other decomposition products.

Section 11: Toxicological information	
No Information Available	

Section 12: Ecological Information	
No Information Available	

Section 13: Disposal Considerations	
Dispose of in accordance with local, state and federal regulations.	

Section 14: Transport Information	
Grinding wheels are not a DOT hazardous material.	

Section 15: Regulatory Information	
This product does not contain and was not manufactured with any Ozone Depleting Chemicals. This product is not subject to SARA 313 reporting.	

Section 16: Other Information	
The information and recommendations set forth are taken from sources believed to be accurate. Pacer Industries Inc. makes no warranty with respect to the accuracy of this information or the suitability of these recommendations, assumes no liability to any user thereof. It is the responsibility of the user to investigate and understand pertinent sources of information to comply with all laws and procedures applicable to the safe use and handling of the product and to determine the suitability of the product for its intended use.	