



# Material Safety Data Sheet

## Section 1: Chemical Product and Company Information

<b>Product Name</b>	Spiral Bands, Sleeves, Flapwheels, Cartridge Rolls, Quick Change Discs, Belts, Discs (PSA & Non-PSA), Cross Pads, Square Pads, Resin Cloth Cones, Slotted & Unslotted Discs, Sheets, Resin Fibre Discs
<b>Manufacturer</b>	Radic Abrasives, Inc. A Tyrolit Company 1015 S. College Avenue P.O. Box 1410 Salem, IL 62881
<b>Phone Number</b> <b>Fax Number</b>	618-548-4200 618-548-4207
<b>Effective Date</b>	September 13, 2010

## Section 2: Composition/Information on Ingredients

*May contain the following ingredients*

<b>Chemical Name</b>	<b>CAS #</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>Carc. Y/N</b>
Aluminum Oxide	1344-28-1	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>	N
Silicon Carbide	409-21-2	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>	N
Garnet	NA	NA	NA	N
Zirconium Oxide	NA	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	N

**Each abrasive product contains only one of the above grains per customer spec. and do not contain ingredients that are hazardous as defined by OSHA.**

### **Section 3: Hazards Identification**

<b>Inhalation:</b>	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.
<b>Eye Contact:</b>	Dust generated during grinding may irritate eyes.
<b>Skin Contact:</b>	Excessive contact with dust may cause irritation.
<b>Ingestion:</b>	No known effects but ingestion is not recommended.
<b>Other:</b>	Some grinding operations may cause noise or vibration irritation. Grinding wheels are not a known carcinogen.

### **Section 4: First Aid Measures**

<b>Eyes:</b>	Immediately flush with plenty of water. Get medical attention if irritation persists.
<b>Skin:</b>	Wash skin with soap and water. Get medical attention if irritation persists.
<b>Inhalation:</b>	Move to fresh air.
<b>Other:</b>	If hearing problems persist, obtain medical assistance if necessary.

### **Section 5: Fire Fighting Measures**

<b>Flash Point:</b>	None
<b>Flammable Limits:</b>	None
<b>Extinguishing Media:</b>	Water, CO <sub>2</sub> , Foam, Dry Chemical
<b>Fire Fighting Equipment:</b>	None
<b>Fire and Explosion Hazards:</b>	None

### **Section 6: Accidental Release Measures**

<b>Clean Up:</b>	Use normal clean up procedures.
<b>Disposal:</b>	Dispose of in accordance with local, state and federal regulations.

### **Section 7: Handling and Storage**

<b>Handling:</b>	Handle in a well ventilated area. See OSHA 29 CFR 1910.94 (ventilation) and OSHA 29 CFR 1910.1000 (air contaminates).
<b>Storage:</b>	Wheels should not be exposed to water or other solvents; any temperature or humidity condition that causes condensation on the wheels or freezing temperatures. See ANSI B7.1, 2.3.

### **Section 8: Exposure Controls/Personal Protections**

<b>Respiratory Protection:</b>	As needed, approved dust respirator, see OSHA 29 CFR 1910.134.
<b>Skin Protection:</b>	As desired by user.
<b>Eye Protection:</b>	Recommend OSHA 29 CFR 1910.133 (Face & Eye Protection)
<b>Hearing Protection:</b>	As needed, see OSHA 29 CFR 1910.215 concerning hearing protection.
<b>Engineering Controls:</b>	Local exhaust ventilation as necessary to keep dust levels below Threshold Limit Values (TLV/TWA).

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

<b>Boiling Point:</b>	NA
<b>Vapor Pressure:</b>	NA
<b>Vapor Density:</b>	NA
<b>Specific Gravity:</b>	NA
<b>Solubility in Water:</b>	NA
<b>Freezing Point:</b>	NA
<b>Melting Point:</b>	NA
<b>Ph:</b>	NA
<b>Physical Form:</b>	Cloth or paper coated with abrasive material.
<b>Color:</b>	NA
<b>Odor:</b>	NA

**Section 10: Stability and Reactivity**

<b>Stability (Conditions to Avoid):</b>	This is a stable material.
<b>Incompatibility (Specific Materials to Avoid):</b>	NA
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Hazardous Decomposition:</b>	In use, dust and decomposing resin system fumes are generated. In most cases, the material removed from the work piece will be significantly greater than the coated abrasive product components.

**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**

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. Radiac Abrasives, Inc., A Tyrolit Company, 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.