MATERIAL SAFETY DATA SHEET

RESIN BONDED ABRASIVES

Section I - Company Information

Distributor Name: SPARKY ABRASVIES
Address: Willmar, MN 56201
Date Prepared: January 1, 2010

Emergency Telephone Number: 800-328-4560
Telephone Number for Information: +972-6-6507400

Section II - Composition of Components

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Oxide</td>
<td>15 MG/M3</td>
<td>10 MG/M3</td>
</tr>
<tr>
<td>Zirconium Oxide</td>
<td>5 MG/M3</td>
<td>5 MG/M3</td>
</tr>
<tr>
<td>Calcium Oxide</td>
<td>5 MG/M3</td>
<td>2 MG/M3</td>
</tr>
<tr>
<td>Silicon Carbide</td>
<td>10 MG/M3</td>
<td>10 MG/M3</td>
</tr>
<tr>
<td>Fluorides</td>
<td>2.5 MG/M3</td>
<td>2.5 MG/M3</td>
</tr>
<tr>
<td>Crystalline Silica, Quartz</td>
<td>0.1 MG/M3</td>
<td>0.1 MG/M3</td>
</tr>
</tbody>
</table>
Section III - Physical/Chemical Characteristics

Boiling Point: N/A
Vapor Pressure (mm Hg.): N/A
Vapor Density (AIR=1): N/A
Specific Gravity (H2O=1): >1
Melting Point: 400-500 degrees fahrenheit
Evaporation Rate: (Butyl Acetate=1): N/A
Appearance and Odor: Solid, no odor

Section IV - Fire and Explosion Hazard Data

Flash Point: N/A
Flammable Limits: 200 degrees
  - CLEL: N/A
  - UEL: N/A
Extinguishing Media: Water
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: Intense heat, dense black smoke

Section V - Reactivity Data

Stability: Stable
Incompatibility (Materials To Avoid): Avoid strong acids of all types with pH<4.0
Hazardous Polymerization: Will not occur
Hazardous Byproducts: Grinding dust may produce respiratory hazard
Section VI – Health Hazard Data

Routes of Entry:  Inhalation, Skin
Health Hazards (Acute and Chronic):  May affect breathing capacity
Signs and Symptoms of Exposure:
- Inhalation:  coughing, shortness of breath
- Eye: irritation
- Skin: irritation

Emergency and First Aid Procedures:
- Inhalation overexposure:  remove to fresh air and contact physician if needed
- Skin contact: wash affected areas with soap and water, obtain medical assistance if needed
- Eye contact:  wash with water, obtain medical assistance if needed
- Ingestion:  no know adverse effects, but advisable to obtain medical assistance

Section VII – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:
- Ventilate area and collect material in safe manner.
Water Disposal Method:
- Standard landfill methods with federal, state and local laws.
Precautions to be Taken in Handling and Storing:
- Avoid mechanic damage, handle and store in accordance with ANSI B 7.1
- Inspect wheel prior to mounting.
- Make sure machine speed is compatible to speed of wheel
Other precautions:
- Follow ANSI Safety Code B 7.1 for the use, care and protection of abrasive wheels
Section VIII - Control Measures

Respiratory Protection:
- Approved dust respirator protection required, see OSHA 29 CFR 1910-134

Ventilation:
- Local exhaust required
- Mechanical (general) recommended
- Other: N/A

Protective Gloves: as desired by operator

Eye Protection: Required, see OSHA CFR 1910-133

Other Protective Clothing or Equipment:
- If applicable (apron)
- Face shield recommended
- Hearing Protection: Where required, see OSHA 29 CFR 1910-134
- Machine guards