

**1. Product AND Company Identification**

**Product Identity / Trade Name:** Abrasive Flap Disc with fibre glass backing (Type 27, Type 29),

**Product Use:** Abrasive materials used for grinding general metals, stainless steel, wood, plastic concrete, masonry and building materials.

**Manufacturer:** Pine Zone(Zhengzhou)Abrasive Industry Co.,Ltd  
No.1Building,Henan Zhengzhou Export Processing Zone,  
9TH Avenue,Hanghai East Road,Zhengzhou450016,China

**Internet:** www.pinezone.cn

**Information Phone:** (86) 371-66866 415 **Fax:** (86) 371-66866 416

**MSDS Date of Preparation:** Dec08, 2007

**2. Hazardous Ingredients / Identity Information**

<b>Hazardous Components, (Specific Chemical Identity, Common Name(s))</b>	<b>CAS#</b>	<b>OSHA PEL</b>	<b>ACGIH TL</b>
AL <sub>2</sub> O <sub>3</sub> (Aluminum Oxide)	1344-28-1	15mg/m <sup>3</sup>	5mg/m <sup>3</sup>
ZR O <sub>2</sub> (Zirconium Oxide)	7440-67-7	5mg/m <sup>3</sup>	5mg/m <sup>3</sup>
Epoxy Resin (Based on a blend of Bisphenol-A & Bisphenol-F)	N/A	N.I.	N.I.
CACO <sub>3</sub> (Calcium Carbonate)	N/A	N.I.	N.I.
Cotton	N/A	N.I.	N.I.
Glass-Fiber	N/A	N.I.	N.I.
Phenolic Resin	N/A	N.I.	N.I.

**3. Physical / Chemical Characteristics**

Boiling Point: \*\*N/A

Vapor Pressure (mm Hg.): \*\*N/A

Vapor Density (AIR=1): \*\*N/A

Solubility in Water: The paper label has slight water solubility

Specific Gravity (H<sub>2</sub>O=1): \*\*N/A

Melting Point: \*\*N/A

Evaporation Rate (Butyl Acetate=1): \*\*N/A

Appearance and Odor: Solid fiberglass disc coated with flaps of abrasive cloth; no odor.

#### **4. Fire and Explosion Hazard Data**

Flash Point (method used): \*\*N/A

Flammable Limits: 200 degrees C LEL: \*\*N/A UEL: \*\*N/A

Extinguishing Media: Any standard extinguishing media (water, carbon dioxide, foam, dry chemical)

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

#### **5. Reactivity Data**

Stability: Stable

Conditions to avoid: \*\*N/A

Incompatibility (Materials to Avoid): \*\*N/A

Hazardous Decomposition or Byproducts: During use, grinding dust is generated.

Hazardous Polymerization: Will not occur

#### **6. Health Hazard Data**

<b>Primary Route(s) of Entry</b>	<b>Health Hazards (Acute and Chronic)</b>	<b>First Aid and Medical Information</b>
<b>Inhalation</b>	May cause coughing, shortness of breath.	Remove to fresh air. Seek medical advice if chronic.
<b>Ingestion</b>	Ingestion very unlikely and not recommended.	Seek medical advice.
<b>Skin</b>	May cause abrasions. Dust may cause skin irritation	Obtain First Aid. Wash with soap and water.
<b>Eyes</b>	Dust may irritate eyes.	Wash with water. Seek medical advice.

Carcinogenicity: Not known

#### **7. Precautions For Safe Handling And Use**

Steps to be taken in case material is released or spilled: No special procedures; standard clean-up.

Waste disposal method: Standard landfill methods consistent with applicable Federal, State and Local laws.

Precautions to be taken in handling and storage: Handle with care, avoid impact; store dry at 20 degreesC+/- 20 C; 55-60% air humidity.

Other Precautions: Normal precautions for nuisance dust and particulates generated during grinding.

<b>8. Control Measures</b>
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Respiratory protection (specify type): Use approved respiratory protection for nuisance dust.

Ventilation:

Local Exhaust: Required

Mechanical (General): Recommended

Special: Respiratory protection

Other: \*\*N/A

Protective gloves: Recommended

Eye protection: Mandatory

Other protective clothing or equipment: Hearing protection & face shield recommended;

keep machine guards in place.

Work/Hygienic Practices: \*\*N/A

\*\*N/A = Not Applicable