

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

Hazardous Components, (Specific Chemical Identity, Common Name(s))	CAS#	OSHA PEL	ACGIH TL
AL ₂ O ₃ (Aluminum Oxide)	1344-28-1	15mg/m ³	5mg/m ³
ZR O ₂ (Zirconium Oxide)	7440-67-7	5mg/m ³	5mg/m ³
Epoxy Resin (Based on a blend of Bisphenol-A & Bisphenol-F)	N/A	N.I.	N.I.
CACO ₃ (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 (H₂O=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

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

8. Control Measures

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