



CAMEL GRINDING WHEELS

KIBBUTZ SARID 30099, ISRAEL TEL. 972-6-6507-216 FAX. 972-6-6540-899

US OFFICE: 7525 North Oak Park Avenue, Niles, IL 60714

Phone: 800-447-4248 Fax: 800-447-3731

<http://www.cgwheels.com>

## MATERIAL SAFETY DATA SHEET

### ABRASIVE FLAP WHEELS

### ABRASIVE FLAP DISC – POLYMER BACKED

#### Section I - Company Information

**Manufacturers Name:**  
CAMEL GRINDING WHEELS

**Emergency Telephone Number:**  
800-447-4248

**Address:**  
7525 North Oak Park Avenue  
Niles, IL 60714

**Telephone Number for Information:**  
800-447-4248

**Date Prepared:** January 1, 2015

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#### Section II - Composition of Components

<u>Hazardous Components</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Aluminum Oxide	15 MG/M3	10 MG/M3
Zirconium Oxide	5 MG/M3	5 MG/M3
Calcium Carbonate	N/I	N/I
Epoxy Resin	N/I	N/I
based on blend of Bisphenol-A & Bisphenol-F		
<b><u>Polymers</u></b>		
Black Carbon	3.5 MG/M3	3.5 MG/M3
Fibre Glass	-	10 MG/M3

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### **Section III - Physical/Chemical Characteristics**

**Boiling Point:** N/A

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

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

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

**Melting Point:** 400-500 degrees fahrenheit

**Solubility in Water:** Paper label has slight water solubility

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

**Appearance and Odor:** Solid polymer disc coated with flaps of abrasive cloth, no odor

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### **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, carbon monoxide, hydrogen cyanide, ammonia, aldehydes and carbon dioxide

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### **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

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## **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 known adverse effects, but advisable to obtain medical assistance

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## **Section VIII – 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
- Always handle and store carefully
- 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



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## **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