



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

Section II - Composition of Components

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
<u>Hazardous Components</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		
<u>Polymers</u>		
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 (H₂O=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

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

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

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