

MATERIAL SAFETY DATA SHEET

No: **AZ-1**
Updated: 11/29/2010

SECTION I - NAME AND PRODUCT

MANUFACTURER:

KASCO Abrasives
580 Race St
Coldwater, MI 49036

Emergency Telephone

1-800-367-7291
517-278-2354

PRODUCT: Aluminum zirconia grinding wheels, cut-off wheels, and flared cups sold under the "KASCO" tradename

SECTION II - COMPOSITION

MATERIAL COMPOSITION RANGE

Aluminum oxide grains	30-40%
Alumina zirconia grains	30-40%
Liquid phenolic resins (V8121)	0-6%
Powdered phenolic resins (V1930)	0-20%
Powdered phenolic resins (V1364)	0-20%
Powdered phenolic resins (V3034)	0-20%
Powdered phenolic resins (V1984)	0-20%
Calcium sulphate filler (CS1320)	2-15%
C24 grinding wheel oil – 33cc per 1000 grams powdered resin	
Reinforcement – Resin coated fiberglass fabric	
Metal inserts and adapters – Various	

SECTION III - PHYSICAL AND CHEMICAL DATA

The finished product is a non-reactive solid with a specific gravity ranging between 2 to 4. It has a slight solubility in water. Fire hazard is minimal.

SECTION IV - STORAGE, HANDLING, AND USE PROCEDURES

NORMAL STORAGE AND HANDLING

See the current issue of ANSI B7.1

NORMAL USE:

Use with adequate air ventilation

The user should wear a dusk mask if grinding for more than brief intervals.

Wear full eye protection

Hear protection is recommended when using this product - See OSHA 29CFR1910.215

Use gloves when using this product.

SPECIAL PRECAUTIONS:

Normal use of this product will generate dust particles of abrasive grain, fiberglass, and material being ground or cut. Decomposed resin fumes may also be generated. Use this product with proper protective equipment as noted above and ventilation.

All grinding and cut-off wheels should be operated within the maximum listed RPM on each product. Do not use on tools that have a maximum RPM rating greater than the wheel RPM rating.

Always use a tool guard that is properly installed and good working order.