



## MATERIAL SAFETY DATA SHEET

<b>1. KEMET Coated Abrasives:- Discs (BRAMET)</b>	Waterproof Silicon Carbide coated abrasive discs
1.2 Use of the product:	Coated abrasive discs in a variety of sizes and colours depending on the grit size used. Used for grinding / sanding different kinds of material
1.3 Details of Supplier:	Kemet International Ltd. Parkwood Trading Estate Maidstone, Kent. ME15 9NJ, UK Tel: 01622 755287 Fax: 01622 670915
<b>2. Hazards Identification</b>  2.1 Classification  2.2 Label elements  2.3 Other Hazards	Not applicable Abrasives are not dangerous substances or mixtures according to directive 1999/45/EC or Regulation (EC) 1272/2008. See also section 8 and 16  Abrasives are articles and not dangerous substances or mixtures and therefore no labelling is required according to directive 1999/45/EC or Regulation 1272/2008  Not known
<b>3. Composition / information on ingredients</b>	Abrasives - Silicon Carbide or Aluminium Oxide. Bonds - Cured phenolic or urea/melamine resins. Backings - Paper, cotton fibre or polyester. Fillers - Calcium carbonate, Kaolin or Cryolite
<b>4.1 First-aid Measures</b>  a) EYE CONTACT:  b) SKIN CONTACT:  c) INGESTION:	The following are general recommendations for grinding operations. They must be followed in conjunction with information appearing in safety data sheets for the other materials used ie fluids and material to be ground. See also section 8 and 16  Not possible, due to form of product  No hazardous effect known. As with all abrasives there is a risk of abrasion or cutting to the skin.  Not likely due to form of product

d) INHALATION:	Not likely due to form of product. If symptoms persist seek medical advice.
4.2 Most important symptoms and effects, both acute and delayed	Not known
4.3 Indication of any immediate medical attention and special treatment needed	Not relevant

<b>5. Fire-fighting Measures:</b>	
5.1 Extinguishing media	Water, foam, sand, powder, CO <sub>2</sub> as appropriate for surrounding materials
5.2 Special hazards arising from the product	Toxic fumes may occur. Use respiratory protective equipment
5.3 Advice for fire fighters	Extinguishing materials should be selected according to the surrounding area
<b>6. Accidental Release Measures:</b>	Not applicable
<b>7. Handling and Storage:</b>	
a) Handling:	Follow recommendations for machines and national regulations.
b) Storage:	Store in moderate constant temperature and humidity conditions. Recommended temperature 10-30°C and 50-55% Relative Humidity.
<b>8. Exposure Controls/Personal Protection:</b>	
	During grinding operations the bonded abrasive components represent only a small part (10-15%) of the total material removed. Dust generated therefore contain particles from the material being ground and the lubricating fluid used which should also be considered.
a) Exposure Control Limits:	Maintain exposure levels below OES values.
b) Respiratory Protection:	Total inhalable dust: 10mg/m <sup>3</sup> 8hr TWA Respirable dust: 4mg/m <sup>3</sup> 8hr TWA Where exposure may exceed OES values, use approved dust/vapour masks.
c) Hand Protection:	Wear chemical resistant gloves.
d) Eye Protection:	Wear safety glasses with side shields.
<b>9. Physical and Chemical Properties:</b>	
Initial Boiling Point:	N/A N/A

Flashpoint: Appearance: Solubility in Water: Odour: pH-Value: Viscosity: Density g/ml:	Various colours. Insoluble. N/A. N/A. N/A N/A
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10. <b>Stability and Reactivity:</b>	
10.1 Reactivity	Coated abrasives are stable when handled or stored correctly
10.2 Chemical stability	No decomposition in normal use
10.3 Possibility of hazardous reactions	No dangerous reactions known
10.4 Conditions to avoid	Coated abrasives are stable when handled correctly
10.5 Incompatible materials	No dangerous reactions known
10.6 Hazardous decomposition products	At temperatures exceeding 250 °C hazardous or toxic decomposition products may be generated
11. <b>Toxicological Information:</b>	
11.1 Information on toxicological effects	No toxicological effects known
12. <b>Ecological Information:</b>	
12.1 Toxicity	No effects known
12.2 Persistence and degradability	No biodegradable potentials known
12.3 Bioaccumulative potential	No potentials known
12.4 Mobility in soil	No potentials known
12.5 Results of PBT and vPvB assessment	Not relevant
12.6 Other adverse effects	No effects known
13. <b>Disposal Considerations:</b>	
13.1 Waste treatment methods	Follow national and regional regulations Disposal of as non hazardous waste (2000/532/EC) is possible if no hazardous materials are added to the abrasives

13.2 Packing	Follow national and regional regulations
14. <b>Transport Information</b>	The product is not covered by international regulation on the transport of dangerous goods.

15. <b>Regulatory Information</b>	
15.1 Safety, health and environmental regulations	No specific labelling requirements under respective EC directives
15.2 Chemical safety assessment	Not relevant
16. <b>Other Information:</b>	None.
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