



## MATERIAL SAFETY DATA SHEET

<b>1. KEMET Coated Abrasives:- Discs (MET DISCS,ROLLS, PAPERS)</b>	Waterproof Silicon Carbide coated abrasive discs. Non adhesive
<b>1.2 Use of the product:</b>	Coated abrasive discs in a variety of sizes and colours depending on the grit size used. Used for grinding / sanding different kinds of material
<b>1.3 Details of Supplier:</b>	Kemet International Ltd. Parkwood Trading Estate Maidstone, Kent. ME15 9NJ, UK Tel: 01622 755287 Fax: 01622 670915
<b>2. Hazards Identification</b>  <b>2.1 Classification</b>  <b>2.2 Label elements</b>  <b>2.3 Other Hazards</b>	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>  <b>a) EYE CONTACT:</b>  <b>b) SKIN CONTACT:</b>	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.

c) INGESTION:	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>	N/A

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

13.2 Packing	materials are added to the abrasives 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.

This information is taken from sources believed to be accurate. KEMET INTERNATIONAL LTD. however makes no warranty as to the accuracy of the information or suitability of the recommendations as to your operations and assumes no liability to any user thereof.

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