

 MATERIAL SAFETY DATA SHEET Format by FEPA as per EC Directive 91/155/CEE and ISO-Standard 11014 - 					
ADDRESS: Lo	aster Abrasives Ltd. ong March Ind. Est. Daventry 1327 703813	Issue Date:			
AUTHORISED PERSON: A B Collins e-mail <u>bcollins@master-abrasives.co.uk</u>			8/08/2016		
Position:	Quality Manager				
IMPORTANT NOTICE: The abrasive products are inert products which do not create any risk when handled or stored. When used on grinding machines they require specific measures to protect the operators. During the grinding operation 90% or more of the particulates of the dust come from the material being ground, and for wet grinding, from aerosols generated by the grinding fluid. Specific attention must therefore be given to the nature of the part and of the fluid and the appropriate equipment to extract these generated materials must be installed.					
1.	PRODUCT IDENTIFICA	cts			
2.	COMPOSITION/INFORI Abrasives:	X Aluminium oxide * X Silicon Carbide * Zirconium Oxide + Aluminium Oxide Others: Please state			
2.1	Bond:	VITRIFIED X ORGANIC X Polymerised synth X Rubber Other organic Others: Please state	netic resin		
2.2	Bond fillers:	 Halogens compounds Carbonates X Oxides Sulphur compounds Others: 			
2.3	Reinforcement:	Glass cloths * Others: Please state			
2.4	Others:				
	*Depending on product/abrasive				
3.	HAZARDS IDENTIFICA No hazardous material is	TION s present in concentration greater than 1%.	0.1% for carcinogens.		
Copyright: FEPA, 20 Avenue Reille F-75014 Paris 51 – GB – 95					

4.	FIRST AID MEASURES				
	APPLICABLE WHEN AI	BRASIVE PRODUCTS ARE IN USE ON MACHINES			
	followed in conjunction v	The following recommendations are basic rules during a grinding operation; they must be followed in conjunction with the information appearing in the Safety data sheets of the materia ground and of the grinding fluid when used.			
	- Dust inhalation	Remove from exposure, seek medical service if symptoms persist:			
	- Eye:	Remove from exposure and flush with clean water. If symptoms persist seek medical advice.			
	- Skin:	No hazardous effect known.			
	- Ingestion:	No hazardous effect known.			
5.	Water, Powder, Foam, S	RE FIGHTING MEASURES ater, Powder, Foam, Sand, Co ₂ , etc can be used if compatible with operating conditions. se full protective clothing and a positive pressure self contained breathing apparatus.			
6.	ACCIDENTAL RELEAS NOT APPLICABLE	ACCIDENTAL RELEASE MEASURES NOT APPLICABLE			
7.	HANDLING AND STOR	HANDLING AND STORAGE The following recommendations should be followed to prevent damage to abrasive products which may create a risk of rupture when in use.			
	 Fragile products: handle and store with care. Store at moderate temperature and humidity. 				
	- For detailed recom	nmendations refer to the FEPA SAFETY CODE and safety leaflets			
8.	EXPOSURE CONTROL	/PERSONAL PROTECTION			
	NOT APPLICABLE WH	NOT APPLICABLE WHEN ABRASIVES ARE HANDLED OR STORED.			
		When using abrasive products, refer to grinding machines instructions and to the rules to prevent accidents in the work place.			
For safe use of abrasives refer to the FEPA SAFETY CODE safe regulations.		ves refer to the FEPA SAFETY CODE safety leaflets and national			
Copyrigh	t: FEPA, 20 Avenue Reille F-750	14 Paris 51 – GB – 95			

Copyright: FEPA, 20 Avenue Reille F-75014 Paris51 – GB – 95				
10.4	Other indications: Not A	Applicable		
10.3	Hazardous decomposition pr	Hazardous decomposition products: Carbon Oxides		
10.2	Materials to avoid: Strong acids, oil based lubricants. Strong oxidising agents may modify the mechanical characteristics of the product and create safety hazards when used on machines.			
10.1	Conditions to avoid. Exce	Conditions to avoid. Excessive heat or flame		
10.		STABILITY AND REACTIVITY Abrasives are stable and non reactive when handled or stored.		
9.12	Solubility in water:	Insoluble		
9.11	Viscosity:	Not Applicable		
9.10	Explosion properties:	Not Applicable		
9.9	Flash point:	Not Applicable		
9.7 9.8	Bulk Density: Vapour pressure:	Not Applicable Not Applicable		
9.6	Density:	35/50 gr/in		
9.5	Change of physical state:	Not Applicable		
9.4	pH:	Not Applicable		
9.3	Odour:	Not Applicable(may give slight rubber odour in use)		
9.2	Colour:	Variable		
9.1	Physical state:	Solid		
9.	PHYSICAL AND CHEMICA	PHYSICAL AND CHEMICAL PROPERTIES		
8.2	 Dust protection: Hand protection: Ears protection: Skin protection: Hygiene measures: 	Use of dust mask Use of barrier cream or protective gloves Use of ear muffs or equivalent Use of suitable protective clothing No specific requirements		
8.1	The following personal protective equipment should be used dependent on the operation a the material being ground. - Eye protection: Machine guarding and safety goggles or face shield			

11. TOXICOLOGICAL INFORMATION NOT APPLICABLE WHEN HANDLED OR STORED. According to the experience gathered for many years, the abrasives when properly used have no adverse effect on health. Refer to the preliminary note about dust and aerosols of grinding fluids. 12. **ECOLOGICAL INFORMATION** 12.1 Not Applicable Mobility: 12.2 Persistence and degradability: Not Applicable 12.3 Bioaccumulative potential: Not Applicable 12.4 Ecotoxicity: Not Applicable **DISPOSAL CONSIDERATIONS** 13 After use abrasives may be contaminated with hazardous materials (particles of material ground or cooling agents) and should be disposed of in accordance with national and local regulations. TRANSPORT 14. The abrasives are not dangerous products and no specific regulations for any type of transportation are required. Protect from rain and excessive temperature and humidity. No special precautions necessary other than to insure that no damage to the product occurs. 15. **REGULATORY INFORMATION** EC Regulations: NONE, no specific marking required under EC directive N° 88/379 National or Local Regulations: Refer to relevant texts. 16. INFORMATION The information contained in this Material Safety Data Sheet is based on existing practice and do not constitute a guarantee. The laws and regulations must be strictly followed by the users who remain responsible for the use of the abrasive product. Copyright: FEPA, 20 Avenue Reille F-75014 Paris 51 – GB – 95