

_	MATERIAL SAFETY DA	ATA SHEET er EC Directive 91/155/CEE and ISO-Sta	andard 11014 -	
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COMPANY: Master Abrasives Ltd. ADDRESS: Long March Ind. Est. Daventry NN11 4PG PHONE: 01327 703813 Issue Date:				
AUTHORISED PERSON: A B Collins E-mail bcollins@master-abrasives.co.uk 06/05/2016				
Position:	Quality Manager		00/00/2010	
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	TION		
	Coated Abrasive Flap Wi	heels 10mm . 400mm diameter		
2.		MATION OF INGREDIENTS		
	Abrasives:	X Aluminium oxide* X Silicon Carbide* X Zirconium Oxide + Aluminium Oxide* Others: Please state		
2.	Bond:	VITRIFIED X ORGANIC Glue(natural from Cured phenolic re Cured urea / mela	sin amine resin	
		X Other: Cured epo: Others: Please state	ky resin	
2.	Bond fillers:	Halogens compounds Carbonates Oxides Sulphur compounds Others:		
2.	Reinforcement:	X Cotton cloths Others: Please state		
2.	Others:	*Depending on type of product / ab	rasives	
3.	HAZARDS IDENTIFICATION Not Applicable	TION		
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4. FIRST AID MEASURES

APPLICABLE WHEN ABRASIVE PRODUCTS ARE IN USE ON MACHINES

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 material 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. FIRE FIGHTING MEASURES

None Specific

Water, Powder, Foam, Sand, Co₂, etc can be used if compatible with operating conditions

6. ACCIDENTAL RELEASE MEASURES

Not Applicable

7. 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 recommendations refer to the FEPA SAFETY CODE and safety leaflets

8. EXPOSURE CONTROL/PERSONAL PROTECTION

NOT APPLICABLE WHEN COATED 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.

During the grinding operation with coated abrasives, particles of dust come from the material being ground. The general value for dust is max. 6mg/m².

For safe use of abrasives refer to the FEPA SAFETY CODE and LEAFLETS and national regulations.

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8.1	The following personal protective equipment should be used dependent on the operation and the material being ground.				
	Eye protection:Dust protection:Hand protection:Ears protection:Skin protection:	Machine guarding and safety goggles or face shield Use of dust mask Use of barrier cream or protective gloves Use of ear muffs or equivalent Use of suitable protective clothing			
8.2	Hygiene measures:	No specific requirements			
9.	PHYSICAL AND CHEMICAL PROPERTIES				
9.1	Physical state:	Solid			
9.2	Colour:	Variable			
9.3	Odour:	Not Applicable(may give off non specific odour in use)			
9.4	pH:	Not Applicable			
9.5	Change of physical state:	Not Applicable			
9.6	Density:	Dependant upon product 0.8 . 3.5gm/cm³			
9.7	Bulk Density	Not Applicable			
9.8	Vapour pressure:	Not Applicable			
9.9	Flash point:	Not Applicable			
9.10	Explosion properties:	Not Applicable			
9.11	Viscosity:	Not Applicable			
9.12	Solubility in water:	Not Defined			
10.	STABILITY AND REACTIVITY Coated abrasives are stable and non reactive when handled or stored.				
10.1	Conditions to avoid. Excessive heat or humidity				
10.2	Materials to avoid: Strong acids, Strong bases. Strong oxidising agents may modify the mechanical characteristics of the products and create safety hazards when used on machines,				
10.3	Hazardous decomposition products: If bonded abrasives are used in accordance with instructions no hazardous decomposition products are created.				
10.4	Other indications: Not Applie	cable			
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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	Mobility: Not Applicable		
12.2	Persistence and degradability: Not Defined		
12.3	Bioaccumulative potential: Not Applicable		
12.4	Ecotoxicity: Not Applicable		
13	DISPOSAL CONSIDERATIONS		
	After use coated 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.		
14.	TRANSPORT		
	The coated 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.	OTHER 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.		
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