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IMPORTANT NOTICE:

Coated abrasives 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 protection devices must be installed.

1. PRODUCT IDENTIFICATION

RKJFO

DATE:

2013-01-15

2. COMPOSITION / INFORMATION ON INGREDIENTS2.1 Abrasive: Synthetic Aluminium oxide Synthetic Silicon Carbide Zirconia Alumina (ZrO₂ - Al₂O₃) Others: _____2.2 Bond: Glue (natural material derived from plant or animal) Cured phenolic resin Cured urea / melamine resin Others: _____2.3 Fillers: Calcium carbonate Kaolin Cryolite Others: _____2.4 Backing: Paper Cotton cloth Polyester cloth Combination, paper/cloth Others: _____

2.5 Others: _____

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3. HAZARDS IDENTIFICATION				
NOT APPLICABLE				
Coated abrasives are not dangerous products as defined in EC Directive No 88/379				
The product contains the following ingredients which are classified according to 67/548/EEC and 99/45/EC				
Name	EC Nr. (ELINCS/EINECS)	CAS Nr	Concentration range	Classification
4. FIRST AID MEASURES				
NOT APPLICABLE WHEN COATED ABRASIVES ARE IN USE ON MACHINE				
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 advice if symptoms persist.				
- Eye: Remove from exposure and flush with clear water. If symptoms persist seek medical advice.				
- Skin: No hazardous effect known.				
- Ingestion: No hazardous effect known.				
5. FIRST FIGHTING MEASURES				
NONE specific. Water, powder, foam, sand, CO ₂ ... can be used if compatible with operation conditions.				
6. ACCIDENTAL RELEASE MEASURES				
NOT APPLICABLE				
7. HANDLING AND STORAGE				
Follow recommendations for machines and national regulations.				
Store coated abrasives in moderate constant temperature and humidity conditions.				
8. EXPOSURE CONTROLL AND PERSONAL PROTECTION				
NOT APPLICABLE WHEN COATED ABRASIVES ARE HANDLED OR STORED.				
During the grinding operation with coated abrasives particles of dust come from the material being ground. The general value for dust is max. 6 mg/m ³ .				
When using coated abrasives, refer to grinding machines instructions and to national rules.				
Name	CAS Nr.	Concentration limits (daily average value)	Short term value	Remarks

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8.1	The following personal protective equipment should be used on dependent on the operation and material being ground.	
	- Eye protection:	Machine guarding and safety goggles or face shield.
	- Dust protection:	Use of dust mask.
	- Hand protection:	Use of barrier cream and protective gloves.
	- Ear protection:	Use of ear defenders or equivalent.
	- Skin protection	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	Oudor:	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:	Not applicable
	Bulk density:	Not applicable
9.7	Vapour pressure:	Not applicable
9.8	Flash point:	Not applicable
9.9	Explosion properties:	Not applicable
9.10	Viscosity:	Not applicable
9.11	Solubility in water:	Not defined
10.	STABILITY AND REACTIVITY	
	Coated abrasives are stable and non reactive when handled or stored in recommended conditions.	
10.1	Conditions to avoid:	Not applicable
10.2	Material 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 coated abrasives are used in accordance with instructions no hazardous decomposition products are created.

