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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.

| appro | opriate prote | ction devices must be installed. | | | | | |
|-------|------------------------------|--|--|---|--|--|--|
| 1. | PRODUCT IDENTIFICATION DATE: | | | | | | |
| | EKA-SKY | | | | | | |
| 2. | COMPOS | SITION / INFORMATION ON INGREDIENTS | | | | | |
| 2.1 | 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: Nylon / PES / Nylon laminate | | , | | | |
| 2.5 | Others: | | | | | | |
| | | | | | | | |

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 appering 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, CO₂... 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/m³.

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

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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.

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11. TOXICOLOGICAL INFORMATION

NOT APPLICABLE WHEN HANDLED OR STORED

According to the experience gathered for many years, coated abrasives, when properly used no adverse effect on health, refer to the preliminary note about dust and aerosols of grinding fluid.

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12. ECOLOGICAL INFORMATION

12.1 Mobility: Not applicable

12.2 Persistence and degradability: Not defined

12.3 Bio accumulative potential: Not applicable

12.4 Ecotoxicity: Not applicable

13. DISPOSAL CONSIDERATIONS

After use, coated abrasives may be contaminated with hazardous materials (particles or cooling agents) and should be disposed of in accordance with local or national regulations.

14. TRANSPORT

Coated abrasives are not dangerous products.

15. REGULATORY INFORMATION

EC-Regulations: NONE, no specific marking required under the EC-Directive No 88/379

16. OTHER INFORMATIONS

WARNING!

The above indications are based on existing practice and do not constitute a guarantee. The laws and regulations must be strictly followed by the user who remain responsible for the use of coated abrasives.