



STRUMENTI E FORNITURE PER I PROFESSIONISTI DELL'ARTIGIANATO, DELL'INDUSTRIA E DELL'AUTOMOTIVE.

PRODUCT SAFETY DATA SHEET

ABRASIVE FLAP DISCS

**Item group 337 00: IN CORUNDUM
337 01IN ZIRCONIUM**

Please Note:

Flexible abrasives are inert products with no risks for handling or storage. When they are used on machine tools, they require special precautions to protect the machine operator. During grinding operations, 90% or more of the dust particles come from the material being machined and, during wet grinding, from the fumes generated by the coolant. It is necessary to pay special attention to the type of material being machined and to the coolant, and it is necessary to install protections with extraction device.

1. COMPANY AND PRODUCT IDENTIFICATION

PRODUCT NAME: ABRASIVE FLAP DISCS

PRODUCT TYPE: Abrasive discs for use on fixed and handheld machines.

Supplier:

EMERGENCY TELEPHONE NO.: MECCANOCAR ITALIA S.R.L.
Capannoli (PI) 56033 Via S. Francesco 22
Tel. +39 0587 609433 (10 lines auto answer) - Fax

2. COMPOSITION/INFORMATION ON INGREDIENTS

Abrasives : Synthetic corundum (ALO). Zirconium oxide + Aluminium.

Binder: heat-set polymerised resins.

Binder additives: calcium carbonate. Cryolite.

Support: cotton fibre.

3. HAZARDS

NOT APPLICABLE.

According to EC Directive no. 88/379, flexible abrasives are not hazardous products.

4. FIRST AID MEASURES

NOT APPLICABLE WHEN FLEXIBLE ABRASIVE PRODUCTS ARE FITTED TO MACHINERY.

The following recommendations are basic rules to be observed during grinding operations: they need to be completed with information contained in the Material Safety Data Sheet for the material being machined and for the coolant, whenever this is used.

Dust inhalation: Avoid exposure to sources of dust emission. Seek medical advice if symptoms persist.

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Skin: No known hazardous effects.

Eyes: Avoid exposure to sources of dust emission. Rinse in clean water. Seek medical advice if symptoms persist.

Ingestion: No known hazardous effects.

5. FIRE FIGHTING MEASURES

No specific measures.

Extinguishing means: water, powder, foam, sand, CO2 if compatible with the surroundings.

6. ACCIDENTAL RELEASE MEASURES

NOT APPLICABLE.

7. HANDLING AND STORAGE

Follow the guidelines for machinery and international regulations.

Store flexible abrasives at moderate and constant temperatures and humidity. For detailed guidelines, refer to the FEPA Safety Instructions for flexible abrasives.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

NOT APPLICABLE WHEN FLEXIBLE ABRASIVES ARE HANDLED OR STORED.

When machining with flexible abrasives, dust particles are released from the material being machined. The overall amount of dust should not exceed 6 mg/m³.

When flexible abrasives are used, refer to the instructions for the machinery and to national regulations. Also refer to the FEPA Safety Instructions for flexible abrasives.

The following personal protective equipment must be used according to the work operations and the material machined

- Eye protection: machine protective cover and safety glasses or shield.
- Dust protection: wear a dust mask.
- Hand protection: use protective creams or gloves.
- Hearing protection: use headphones or equivalent.
- Skin protection: wear reliable protective clothing.

Hygiene precautions: no specific regulations.

9. CHEMICAL AND PHYSICAL PROPERTIES

Physical state: solid.

Colour: variable.

Odour: not applicable (non-specific odours may develop during use).

pH: n.a.

Change to physical state: n.a.

Density: depends on the product.

Volumetric weight: n.a.

Vapour pressure: n.a.

Melting point: n.a.

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Explosive properties: n.a.

Viscosity: n.a.

Solubility in water: not defined.

10. STABILITY AND REACTIVITY

Flexible abrasives are stable and do not react when handled or stored.

Conditions to avoid: NOT APPLICABLE.

Materials to be avoided: strong acids, strong bases and concentrated oxidising agents can change the mechanical characteristics of the product and create safety risks when the flexible abrasives are used on machines.

Hazardous decomposition products: if flexible abrasives are used according to instructions, there will be no development of hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

NOT APPLICABLE WHEN HANDLED OR STORED.

According to the experience of many years, when used properly, flexible abrasives have no harmful effects on health; See the preliminary notes on dust and fumes.

12. ECOLOGICAL INFORMATION

Mobility: Not applicable.

Persistence and degradability: Not defined.

Bioaccumulation potential: Not applicable.

Ecotoxicity: Not applicable.

13. DISPOSAL CONSIDERATIONS

Residues from flexible abrasives can be accidentally contaminated after use (fragments of machined materials or coolant residues). National and local legislation must be respected.

14. TRANSPORT INFORMATION

•Flexible abrasives are not hazardous materials.

15. REGULATIONS

EC Normative: no specific marking is required in the EC Directive no. 88/379.
National or local regulations: refer to pertinent texts.

16. FURTHER INFORMATION

CAUTION!

The above indications are based on current practice and in no way constitute a guarantee.

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Laws and regulations need to be followed strictly by users, who in any case remain responsible for the use of flexible abrasives.

NOTES FOR USERS: The information contained is based on our knowledge at the date given here above. We would like to remind you that users are responsible for checking the suitability and accuracy of this information with regard to the specific use they make of the product. Therefore, we cannot accept any direct or indirect liability for the above.

This data sheet cancels and supersedes all previous editions.

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