



FEDERATION EUROPEENNE DES
FABRICANTS DE PRODUITS ABRASIFS



Safety Data Sheet
Reference: 170839
Version/Revision: 000001 / 30.11.2007
Printing date: 07.07.2010
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MATERIAL SAFETY DATA SHEET FOR INORGANIC BONDED ABRASIVES

1. Identification of the product and of the company/ undertaking:

1.1 Identification of the product: 170839

1 STRAIGHT GRINDING WHEEL
225 X 5 X 60
89A 541 I5 V121
special marking acc. to customer needs

1.2 Use of the product

Inorganic bonded abrasives used for grinding/cutting of different materials

1.3 Company identification:

Company: **TYROLIT Schleifmittelwerke Swarovski KG**

Address: Swarovskistrasse 33 Phone: + + 43 5242 606 2572
A-6130 Schwaz Fax: + + 43 5242 606 12572
E-mail: umweltabteilung@tyrolit.com

1.4 Emergency number: Europe : 112
USA/Canada : 911

2. Hazards Identification

Not applicable
Abrasives are articles and not dangerous substances or preparations according to directive 1999/45/EC.
See also section 8 and 16.

3. Composition/Information on Ingredients

The product does not contain ingredients which are classified according to 67/548/EEC and 99/45/EC

4. First Aid Measures

See also section 8 and 16
Inhalation: not possible, due to the form of the product
Eye contact: not possible, due to the form of the product
Skin contact: no harmful effects known
Ingestion: not likely, due to the form of the product
If necessary contact physician
Note to physician: Not available.

5. Fire Fighting Measures

Toxic fumes may occur. Use respiratory protective equipment.
Extinguishing Media: water, foam, sand, powder or CO2 as appropriate for surrounding materials.



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6. Accidental release measures

Not applicable.

7. Handling and Storage

Follow instructions of grinding machine manufacturers and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.

8. Exposure Controls / Personal Protection

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

8.1. Occupational exposure limit values and/or biological limit values

Keep exposure of the following components under surveillance
(Observe also the regional official regulations)

Note: Hazardous dust of workpiece material may be generated during grinding and/or sanding operations. National regulations for dust exposure limit values have to be taken into consideration.

8.2. Exposure controls

8.2.1. Occupational exposure controls

- 8.2.1.1. Respiratory protection: Use respiratory protective equipment
(type depends on specific application and material being ground)
- 8.2.1.2. Hand protection: Wear protective gloves
(type depends on specific application and material being ground)
- 8.2.1.3. Eye protection: Wear protective goggles or face shield
(type depends on specific application and material being ground)
- 8.2.1.4. Hearing protection: Use hearing protection
(type depends on specific application and material being ground)
- 8.2.1.5. Body protection: Use protective clothing
(type depends on specific application and material being ground)

9. Physical and Chemical Properties

- 9.1 Physical state: solid
- 9.2 Colour: various
- 9.3 Solubility in water: not applicable

10. Stability and Reactivity

Stability

Abrasives are stable when handled or stored correctly.

Reactivity

- 10.1 **Conditions to avoid:**
No decomposition in normal use.
- 10.2 **Materials to avoid:**
No dangerous reactions known.
- 10.3 **Hazardous decomposition products:**
No hazardous decomposition products known.



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11. Toxicological Information

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.
See also section 8.

12. Ecological Information

12.1	Ecotoxicity:	no effects known
12.2	Mobility:	no potentials known
12.3	Persistence and degradability:	no biodegradable potentials known
12.4	Bioaccumulative potential:	no potentials known
12.5	Other hazardous effects:	no effects known

13. Disposal Considerations

13.1 Product

Follow national and regional regulations!

Due to the ingredients and properties disposal as non hazardous waste (2000/532/EC) is possible if no hazardous materials are added to the abrasives. (EWC - Nr. 120121)

13.2. Packing

Follow national and regional regulations!

14. Transport Information

The product is not covered by international regulation on the transport of dangerous goods.

15. Regulatory Information

No specific labelling requirements under respective EC directives

16. Other Information

The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product. The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.

Issued by: Environmental Department
TYROLIT Schleifmittelwerke Swarovski KG

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