

MATERIAL SAFETY DATA SHEET FOR ORGANIC BONDED ABRASIVES

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

1.1 Identification of the product: 731248

251362002

90B DRESSING FILE
20 X 15 X 60
55AC 500 I4 B7
neutral mit Kundendaten

1.2 Use of the product

Organic 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 contains the following ingredients which are classified according to 67/548/EEC and 99/45/EC

Name	CAS	Concentration-range	EG Nr. (ELINCS/EINECS)	Classification	R-Phrases
Sodium-Aluminium-Fluoride	15096-52-3	< 15%	239-148-8	T; N; Xn	R 20/22 R 48/23/25 R 51/53
Antimony(III)-sulfide	1345-04-6	< 25%	215-713-4	Xn	R 20/22 R 51/53

(For the full text of the R-phrases see section 16)

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
Note to physician: If necessary contact 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.

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 to the following components under surveillance
(Observe also the regional official regulations)

Name	CAS Nr	EC Nr.	Concentration (Daily average value)
Sodium-Aluminium-Fluoride	15096-52-3	239-148-8	2,5 mg/m ³

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

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:**
At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated

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)
(EWC - Nr. 120120)

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

- R 20/22 Harmful by inhalation and if swallowed
R 48/23/25 Toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed
R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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

Contact: Dipl.Ing. Antje Schwemberger
antje.schwemberger@tyrolit.com
Tel: + + 43 5242 606 2572