



FEDERATION EUROPEENNE DES
FABRICANTS DE PRODUITS ABRASIFS



Reference: 34169155
Revision: 08.01.2014
Printing date: 03.06.2016
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**Voluntary product information based on the format of a safety data sheet
for organic bonded abrasives**

1. Identification of Product and Company

1.1 Product Identifier: 34169155

41 CUT-OFF WHEEL,REINF.

305 X 4 X 20

A 30 S- BF

BASIC*

2 bore reinforcing bushes

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
A-6130 Schwaz

Phone: + + 43 5242 606 2572

Fax: + + 43 5242 606 12572

E-mail: umweltabteilung@tyrolit.com

1.4 Emergency telephone number,;

Environmental Department + + 43 664 8292 740

2. Hazards Identification

2.1. Classification

Not applicable.

Abrasives are articles and not dangerous substances or mixtures according to directive 1999/45/EC or Regulation (EC) N° 1272/2008.

See also section 8 and 16.

2.2. Label elements

Abrasives are articles and not dangerous substances or mixtures and therefore no labelling is required according to directive 1999/45/EC or Regulation (EC) N° 1272/2008.

2.3. Other hazards

Not known.

3. Composition/Information on Ingredients

The product contains ingredients which are classified according to 67/548/EEC or Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists:

Substance	EC-N°	CAS-N°	Concentration (%)	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)		Classification acc. to
				Hazard classes/hazard categories	Hazard statements	
Potassium-	262-153-1	60304-36-1	< 15	Eye irrit. 2	H319	Xn; R22



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Aluminium-Fluoride				Acute Tox. 4 Lact. STOT RE 1 Aquatic chronic 3	H332 H362 H372 H412	Xi; R36/37/38
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(For the full text of the H-phrases and the R-phrases see section 16)

4. First Aid Measures

See also section 8 and 16

4.1. Description of first aid measures

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.

4.2. Most important symptoms and effects, both acute and delayed

Not known.

4.3. Indication of any immediate medical attention and special treatment needed

Not relevant. Treat symptomatically.

5. Fire Fighting Measures

5.1. Extinguishing media

Extinguishing media: water, foam, sand, powder or CO2 as appropriate for surrounding materials.

5.2. Special hazards arising from the product

Toxic fumes may occur. Use respiratory protective equipment.

5.3. Advice for fire fighters

Extinguishing materials should be selected according to the surrounding area.

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

8.1. Control parameters

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

Occupational exposure limit values and/or biological limit values

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

Limit value type (country of origin)	Substance	EC-N°	CAS-N°	Occupational limit value				Peak limit	source, remark
				Long term		Short term			
				mg/m ³	ml/m ³ (ppm)	mg/m ³	ml/m ³ (ppm)		
MAK (A)	Fluoride	262-153-1	60304-36-1	2,5		12,5		GKV	

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. Individual protection measures
- 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

10.1. Reactivity

Abrasives are stable when handled or stored correctly.

10.2. Chemical stability

Abrasives are stable when handled or stored correctly.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

No decomposition in normal use.

10.5. Incompatible materials

No dangerous reactions known.

10.6. Hazardous decomposition products

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



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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. Toxicity

No effects known.

12.2. Persistence and degradability

No biodegradable potentials known.

12.3. Bioaccumulative potential

No potentials known

12.4. Mobility in soil

No potentials known.

12.5. Results of PBT and vPvB assessment

Not relevant.

12.6. Other adverse effects

No effects known.

13. Disposal Considerations

13.1. Product

Follow national and regional regulations.

Due to the ingredients and properties disposal as 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

15.1. Safety, health and environmental regulations/legislation specific for the product

No specific labelling requirements under respective EC directives.

15.2. Chemical safety assessment

Not relevant.

16. Other Information

Changes to the previous versions

See sections 1 to 16.

Literature and data sources

Directive (1999/45/EC), amended by Regulation (EC) N° 1907/2006.

Directive (67/548/EWG), amended by Directive 2009/2/EC.

REACH Regulation (EC) Nr. 1907/2006, amended by Regulation (EC) N° 552/2009..

Regulation (EC) N° 1272/2008, amended by Regulation (EC) N° 790/2009.

Directive 2000/39/EG, amended by Directive 2009/161/EC.

Directive 75/324/EWG, amended by Regulation (EC) N° 219/2009.

Transport regulations according to ADR, RID und IATA..

Hazard statements referred to in section 2 and 3

According to Regulation (EC) N° 1272/2008:



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- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H362 May cause harm to breast-fed children.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H412 Harmful to aquatic life with long lasting effects.

According to Directive 67/548/EWC:

- R20 Harmful by inhalation
- R36 Irritating to eyes
- R48/23 Toxic: danger of serious damage to health by prolonged exposure through inhalation
- R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- R64 May cause harm to breast-fed babies

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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