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: 34589757

41 CUT-OFF WHEEL,REINF.
125 x 1,0 x 22,23
A 60 R- BFB
special marking acc. to customer needs
Packing unit = 25 pieces

1.2 Use of the product

Organic bonded abrasives used for grinding/cutting of different materials

1.3 Company identification:

Company: **TYROLIT AG**

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 5242 606 2216

2. Hazards Identification

2.1. Classification

Not applicable.
Abrasives are articles and not dangerous substances or mixtures according to 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 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 Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists:

Substance	EC-N°	CAS-N°	REACH Registrierungs-Nr.	Concentratio	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)	
					Hazard classes/ hazard categories	Hazard statements
Potassium-Aluminium-Fluoride	262-153-1	60304-36-1		< 15	Eye irrit. 2 Acute Tox. 4	H319 H332

					Lact. STOT RE 1 Aquatic chronic 3	H362 H372 H412

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

Formaldehyd (max. 0,015%) can be part of the raw materials, but not the finished product.
After firing, the tool is a consistent resinoid body, it is a whole new substance.
The ingredients are not further existent in the original chemical structure.

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 C02 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/m³	ml/m³ (ppm)	mg/m³	ml/m³ (ppm)		
MAK (A)	Fluoride			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.

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 its ingredients and properties, it must be disposed of as hazardous waste. (2000/532/EC)
(EWC - SN 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

REACH Regulation (EC) Nr. 1907/2006, amended by Regulation (EC) N° 830/2015..
Regulation (EC) N° 1272/2008, amended by Regulation (EC) N° 669/2018.
Directive 2000/39/EG, amended by Directive 2017/164/EC.
Transport regulations according to ADR, RID, IMDG and IATA..
TRGS 900

Hazard statements referred to in section 2 and 3
According to Regulation (EC) N° 1272/2008:

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.

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 AG & Co K.G.

Contact: Environmental Department
umweltabteilung@tyrolit.com
Tel: + + 43 5242 606 2572