

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

Printing date: 06.06.13

Revision: 05.06.2013

Page 1 / 4

1. Identification of the substance/preparation and of the company/undertaking

Trade name: ROLEI BE 5 spare flap wheel
Product type: Coated abrasives for the grinding/sanding of different kinds of material
Supplier: **Gerd Eisenblätter GmbH**

*Jeschkenstraße 10
82538 Geretsried
Telefon: + 49 (0) 8171/9384-0*

Emergencies: +49 (0) 8171 / 9384 - 0

2. Composition / Information on ingredients

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

Ingredients	EINECS-No.	CAS. No.	REACH Registration No.	Conc.
Cryolite	237-410-6	13775-53-6	01-2119511565-43	< 10 %

Classification acc. to Regulation (EC) No. 1272/2008 (CLP)

Hazard classes/ hazard categories	Hazard statements	Classification acc. to Directive 67/548/EWC
Acute Tox. 4	H 332	T; R48/23/25
STOT RE 1	H 372	Xn; R20
Repr. 2	H 362	N; R51/53
Aquatic Chronic 2	H 411	R64

3. Hazards identification

Not applicable.

Abrasives are articles and not dangerous substances or preparations according to directive 1999/45/EC.

4. First aid measures

Inhalation : Not possible, due to the form of the product
Skin contact : No harmful effects known.
Eye contact : Not possible, due to the form of the product
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.

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

Trade Name: **ROLEI BE 5 spare flap wheel**

Page 2 / 4

6. Accidental release (Spill containment 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)

Limit value type	Ingredients	EC-No.	CAS. No.	Occupational limit value		source, remark
				Long term		
WEL (UK)	Cryolite	237-410-6	13775-53-6	mg/m ³	2,5 *	HSC, (fluorides inorganic as F)

* Valid for UK, other countries: observe national values (please see annex "International Limit Values", page 4)

Note: Hazardous dust of the 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

9. Physical and chemical properties

- 9.1. Form : solid
- 9.2. Colour : various
- 9.3. Solubility in water : not measured

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

Trade name: **ROLEI BE 5 spare flap wheel**

Page 3 / 4

10. Stability and reactivity

Stability

Coated abrasives are stable when handled or stored correctly.

Reactivity

10.1. Conditional to avoid:

No decomposition in normal use.

10.2. Material 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.

12. Ecological information

- | | |
|-------------------------------------|------------------------------------|
| 12.1. Toxicity | : no effects known |
| 12.2. Mobility | : no potential known |
| 12.3. Persistence and degradability | : no biodegradable potential known |
| 12.4. Bio accumulative potential | : no potentials known |
| 12.5. Other hazardous effects | : no effects known |

13. Disposal considerations

13.1. Product

EU: Due to the ingredients and properties disposal as hazardous waste (2000/532/EC)
(EWC – No. 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.

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

Trade name: **ROLEI BE 5 spare flap wheel**

Page 4 / 4

16. Other information

H 332: Harmful if inhaled
H 372 May cause damage to organs (lung, skeleton) to prolonged or repeated exposure
H 362: May cause harm to breast-fed babies
H 411: Toxic to aquatic life with long lasting effects

R20: Harmful by inhalation
R48/23/25: Toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R64: May cause harm to breast-fed babies

International Limit Values *

Substance: Flouride (inorganic as F) CAS No. 16984-48-8

	<u>Limit value – Eight hours</u> mg/m ³	<u>Limit value – Short term</u> mg/m ³
Austria	2,5 inhalable aerosol	12,5 inhalable aerosol
Belgium	2,5	
Denmark	2,5	5
European Union	2,5	
France	2,5	
Germany (AGS)	1 inhalable aerosol	4 inhalable aerosol
Germany (DGF)	1 inhalable aerosol	4 inhalable aerosol
Hungary	2,5	10
Italy	2,5	
Poland	1	3
Spain	2,5	
Sweden	2	
Switzerland	1 inhalable aerosol	4 inhalable aerosol
USA – OSHA	2,5	
United Kingdom	2,5	

Remarks:

Germany (AGS) 15 minutes average value
Germany (DGF) STV 15 minutes average value

* (IFA / GESTIS, International limit values for chemical substances)

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.