

**Voluntary product information based on the format of a safety data sheet
for coated abrasives**

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

1.1. Product identifier

XK760X

1.2. Use of the product

Abrasives for industrial and professional application.

1.3. Details of the supplier of the voluntary product information:

Company: Vereinigte Schmirgel- und Maschinenfabrik AG

Address: Siegmundstr. 17
30165 Hannover, Deutschland

Phone: +49 (0)511/3526-0 Fax: +49 (0)511/3526-325

E-Mail: msds@vsmabrasives.com

1.4. Emergency telephone number:

+49 (0)511/3526-0

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 the following ingredients which are classified according to Regulation (EC) N° 1272/2008 or for which a community occupational exposure limit value exists:

Substance	EG- N°	CAS-N°	REACH Registration N°	Conc.	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)		
					Hazard classes/ hazard categories	Hazard statements	SCL, M- Factor, ATE
Cryolite (<u>trisodium hexafluoroalumi nate</u>)	237-410-6	13775-53-6	01-2119511 565-43-XXXX	1 - 8 %	STOT RE 1 Acute Tox. 4 Aquatic Chronic 2	H372 H332 H411	-

(for full text of H-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

Country	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)		
Austria	Fluoride (inorganic)	-	-	2,5	-	12,5	-	IFA, DGUV, inhalable aerosol	
Belgium, EU, France, Hungary Ireland, Italy, Latvia, Romania, Singapore, Spain, Turkey, USA (OSHA), United Kingdom	Fluoride (inorganic)	-	-	2,5	-	-	-	IFA, DGUV	
Germany, Switzerland	Fluoride (inorganic)	-	-	1	-	4	-	IFA, DGUV	
Poland	Fluoride (inorganic)	-	-	1	-	3	-	IFA, DGUV	
South Africa	Fluoride (inorganic)	-	-	5	-	-	-	IFA, DGUV	
Sweden	Fluoride (inorganic)	-	-	2	-	-	-	IFA, DGUV	
Austria, Denmark, Germany	Dust, inhalable	-	-	10	-	20	-	IFA, DGUV	
Belgium, Hungary, Ireland, Poland,	Dust, inhalable	-	-	10	-	-	-	IFA, DGUV	

Country	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)		
Singapore, Spain, Sweden, Switzerland									
France	Dust, inhalable	-	-	7	-	-	-	-	IFA, DGUV
Austria	Dust, respirable	-	-	5	-	-	10	-	IFA, DGUV
Belgium, Spain, Switzerland	Dust, respirable	-	-	3	-	-	-	-	IFA, DGUV
France	Dust, respirable	-	-	3,5	-	-	-	-	IFA, DGUV
Germany	Dust, respirable	-	-	1,25	-	-	-	-	IFA, DGUV
Hungary	Dust, respirable	-	-	6	-	-	-	-	IFA, DGUV
Ireland	Dust, respirable	-	-	4	-	-	-	-	IFA, DGUV
USA (OSHA)	Dust, respirable	-	-	5	-	-	-	-	IFA, DGUV

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.

biological limit values

country	Limit value	Testing material	Remarks
Germany (TRGS 903)	4 mg/L	urine	parameter: fluoride sampling time: end of exposure

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. Information on basic physical and chemical properties

- a) Physical state: solid
- b) Colour: various

9.2. Other information

None.

10. Stability and reactivity

10.1. Reactivity

Coated Abrasives are stable when handled or stored correctly.

10.2. Chemical stability

No decomposition in normal use.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Coated Abrasives are stable when handled or stored correctly.

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

11.1. Information on toxicological effects

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. Endocrine disrupting properties

No potentials known.

12.7. Other adverse effects

No effects known.

13. Disposal considerations

13.1. Waste treatment methods

13.1.1. 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).
- Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) (EWC – Nr. 120120).

13.1.2. 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.

Technical guidance on keeping the air clean (TA-Luft 2021, Germany)

Maximum emissions in the exhaust:

Total dust including particulate matter: mass concentration 20 mg/m³ or mass flow 0,20 kg/h

REACH-Regulation (EC) N° 1907/2006

Candidate List of Substances of Very High Concern (SVHC): no ingredient listed

Authorization List (annex XIV): no ingredient listed

List of restricted substances (annex XVII): no ingredient listed

15.2. Chemical safety assessment

Not relevant.

16. Other information

Changes to the previous version

Sections 3, 8.1, 12.6, 15.1

Literature and data sources

REACH-Regulation (EC) N° 1907/2006

Regulation (EC) N° 1272/2008

Directive 98/24/EG

Directive 2000/39/EG

Decision (2000/532/EG)

Transport regulations according to ADR, RID, ADN, IMDG, ICAO/IATA

TRGS 900 (2022)

TRGS 903 (2022)

Grenzwerteverordnung 2021

TA-Luft (2021)

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

H332 Harmful if inhaled.

H372 Causes damage to organs through prolonged or repeated exposure.

H411 Toxic 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: Research and Development

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