



FEDERATION EUROPEENNE DES  
FABRICANTS DE PRODUITS  
ABRASIFS

# RHODIUS

Reference / Product name:  
Cutting and grinding discs  
Version/Revision (date):  
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**Voluntary product information based on the format of a safety data sheet  
for organic bonded abrasives**

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

### 1.1 Product identifier

Cutting discs:

XTK6; XT(K)8 (MINI) (X-LOCK); XT(K)10 (MINI); XT15; XT17; XT(K)20; XT24; XTK35; XT(K)38  
(X-LOCK); XT66; XT(K)67; XT(K)70 (X-LOCK); XT(K)77; XT80; XT100 (X-LOCK); XT200; XT(K)69  
KSM(K); FT17; FT(K)24; FT(K)26; FT30; FT(K)33 (X-LOCK); FT(K)38; FT40; FT(K)44; FT(K)67

Grinding discs:

KSM; RS2 (MINI) (X-LOCK); RS22; RS24; RS28; RS38; RS48; RS50; RS57; RS63; RS66; RS67; RS72;  
RS80; RS480; RS580; FS1 FUSION; SR 15

### 1.2 Use of the product

Organic bonded abrasives for grinding / cutting of different materials.

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

Company: RHODIUS Abrasives GmbH

Address: Brohthalstraße 2  
56659 Burgbrohl

Phone: +49-(0) 2636 920 300 Fax: +49-(0) 2636 920 209

E-mail: [compliance@rhodius.de](mailto:compliance@rhodius.de)

### 1.4 Emergency telephone number:

Poison emergency call center (GIZ-Nord) +49-(0) 551-19240

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## 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.

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### 3. Composition/information on ingredients

The product contains the following 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 Registration N°	Conc. (%)	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)	
					Hazard classes/ hazard categories	Hazard statements
CRYOLITE (Sodium hexafluoro- aluminate)	237-410-6	13775-53-6	01-2119511565-43	0- 20	Acute Tox. 4 STOT RE 1 Acute Tox. 4 Aqu. chron. 2	H332 H372 H302 H411
CRYOLITE (Potassium hexafluoro- aluminate)	237-409-0	13775-52-5		0- 20	Acute Tox. 4 STOT RE 1 Acute Tox. 4 Aqu. chron. 2	H332 H372 H302 H411
PAF (Potassium aluminium fluoride)	262-153-1	60304-36-1	01-2119513404-51	0- 20	Acute Tox. 4 STOT RE 1 Acute Tox. 4 Aqu. chron. 2	H332 H372 H302 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.



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## 5. Fire fighting measures

### 5.1. Extinguishing media

Extinguishing media: water, foam, sand, powder or CO<sub>2</sub> 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 <sup>3</sup>	ml/m <sup>3</sup> (ppm)	mg/m <sup>3</sup>	ml/m <sup>3</sup> (ppm)		
(D)	CRYOLITE (Sodium hexafluoroaluminat)	237-410-6	13775-53-6	1,00				4,00	TRGS900
(D)	CRYOLITE (Potassium hexafluoroaluminat)	237-409-0	13775-52-5	1,00				4,00	TRGS900
(D)	PAF (Potassium aluminium fluoride)	262-153-1	60304-36-1	1,00				4,00	TRGS900

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. 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).

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## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

- a) Physical state: solid
- b) Colour: depending of product type
- c) Solubility in water: non indicated

### 9.2. Other information

None.

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## 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.

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## 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.

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## 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.

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## 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 hazardous waste  
(2000/532/EC), (EWC – Nr. 120120).

#### 13.1.2. Packing

Follow national and regional regulations.

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## 14. Transport information

The product is not covered by international regulation on the transport of dangerous goods.

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## 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.

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## 16. Other information

### Changes to the previous versions

See sections 1 to 16.

### Literature and data sources

REACH Regulation (EC) Nr. 1907/2006  
Regulation (EC) N° 1272/2008  
Directive 98/24/EC  
Directive 2000/39/EC  
Directive 75/324/EEC  
Decision 2000/532/EC  
Transport regulations according to ADR, RID und IATA.  
TRGS 900

### Hazard statements referred to in section 2 and 3

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

- H302 Harmful if swallowed.
- 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: R&D