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**Voluntary product information based on the format of a safety data sheet
for organic bonded abrasives¹**

Please note, the information provided in the Voluntary Product Information format is based on European legislation which may not reflect the legal situation in non-EU countries. In other countries certain pertinent regulation may apply.

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

1.1 Product identifier

A46N SUPRA 115-180 x 2,5-3 x 22,23 mm, **A46N SUPRA** 115-230 x 6-8 x 22,23 mm
A46TZ SPECIAL 100-230 x 1,6-1,9 x 16-22,23 mm, **A46VZ SPECIAL** 115-125 x 2 x 22,23 mm
A60TZ SPECIAL 100-125 x 1 x 16-22,23 mm, **A646R SUPRA** 115-230 x 1,6-1,9 x 22,23 mm
A980TZ SPECIAL 115-125 x 0,8 x 22,23 mm, **EDGE SPECIAL** 115-125 x 1 x 22,23 mm

1.2 Use of the product

Organic bonded abrasive for the grinding/cutting of different kinds of materials.

1.3 Details of the supplier of the voluntary product information

Company: Klingspor Schleifsysteme GmbH & Co. KG
Address: Hüttenstrasse 36
D-35708, Haiger
Phone: +49-(0)2773-922-0 Fax: +49-(0)2773-922-195
Email: FPI@klingspor.de

1.4 Emergency telephone number

Poison Information Center phone: +49-(0)551-19240

2. Hazards identification

2.1. Classification

Not applicable

Abrasives are articles and not hazardous substances or mixtures according to Regulation (EC) No. 1272/2008. See also section 8 and 16.

2.2. Label elements

Abrasives are articles and not hazardous substances or mixtures and therefore no labelling is required according to Regulation (EC) No. 1272/2008.

2.3. Other hazards

Not known

¹ REACH requires Safety Data Sheet (SDS) only for hazardous substances and mixtures. Abrasive products are articles under REACH and therefore, SDS is not legally required.

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3. Composition/information on ingredients

The product contains the following ingredients which are classified according to Regulation (EC) No. 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 aluminium fluoride)	237-410-6	13775-53-6	01-2119511565-43	1-9 %	Acute toxicity 4 Rproductive toxicity Lact. STOTE RE 1 Aquatic Chronic 2	H332 H362 H372 H411
Alumnum potassium fluoride	262-153-1	60304-36-1	01-2119513404-51	3-8 %	Eye Irritation Cat.2 Acute Toxicity Cat.4 Reproductive toxicity Lactation STOT RE 1 Aquatic Chronic Cat.3	H319 H332 H362 H372 H412

(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. Firefighting 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.

See also: [FEPA GENERAL SAFETY PRINCIPLES](#)

(<https://feпа-abrasives.org/safety/safety-publications/general-principles-leaflet>).

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)		
Germany	Cryolite	237-410-6	13775-53-6	1 inhalable aerosol		4 inhalable aerosol			TRGS 900 (specified as fluorine)
European Union	Cryolite	237-410-6	13775-53-6	2,5 inhalable aerosol					TRGS 900 (specified as fluorine)
Germany	Aluminium potassium fluoride	262-153-1	60304-36-1	2,5 inhalable aerosol		4 inhalable aerosol			TRGS 900 (fluorides as F)
European Union	Aluminium potassium fluoride	262-153-1	60304-36-1	2,5 inhalable aerosol					TRGS 900 (fluorides as F)

Note: Hazardous dust of the work piece material may be generated during grinding and/or sanding operations. National regulations for dust exposure limit values have to be taken into consideration.



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8.2. Exposure controls

- 8.2.1. Appropriate engineering controls
Please refer to section 7 of this Voluntary Product Information
- 8.2.2. Individual protection measures
- 8.2.2.1. Respiratory protection: Use respiratory protective equipment
(Type depends on specific application and material being ground)
- 8.2.2.2. Hand protection: Wear protective gloves
(Type depends on specific application and material being ground)
- 8.2.2.3. Eye/face protection: Wear protective goggles or face shield
(Type depends on specific application and material being ground)
- 8.2.2.4. Hearing protection: Use hearing protection
(Type depends on specific application and material being ground)
- 8.2.2.5. 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: according to the type of product
- c) Solubility in water: not measured

9.2. Other information

None

10. Stability and reactivity

10.1. Reactivity

The product is 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

The product is 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 hazard classes as defined in Regulation (EC) No. 1272/2008

The product is an article and thus not classified according to Regulation (EC) No. 1272/2008.

11.2. Information on other hazards

Toxicological effects by inhalation, eye and skin contact and by ingestion are not known.

Instructions under No. 8 of this product information should be taken into consideration

12. Ecological information

12.1. Toxicity

No effects known

12.2. Persistence and degradability

No biodegradable potentials known

12.3. Bio accumulative 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 effects known

12.7. Other adverse effects

No effects known

13. Disposal considerations

13.1. Waste treatment methods

a) Product

Follow national and regional regulations.

O 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 - N°. 120121),

X Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) (EWC - N°. 120120)

b) 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 (not exhaustive)

REACH Regulation (EC) No. 1907/2006

Regulation (EC) No. 1272/2008

Directive 98/24/EC

Directive 2004/37/EC

Regulation (EU) 2016/425

Decision 2000/532/EC

Transport regulations according to ADR, RID und IATA.

Hazard statements referred to in section 3

According to Regulation (EC) No. 1272/2008:

Cryolite, hazard statements

- H332 Harmful if inhaled
- H372 May cause damage to organs (lung, skeleton) to prolonged or repeated exposure
- H362 May cause harm to breast-fed babies
- H411 Toxic to aquatic life with long lasting effects

Aluminium potassium fluoride, Hazard statements

- H332 Harmful if inhaled
- H319 Causes serious eye irritation
- H362 May cause harm to breast-fed babies
- H372 May cause damage to organs (lung, skeleton) to prolonged or repeated exposure
- H412 Harmful to aquatic life with long lasting effects

[IFA: GESTIS - International limit values for chemical agents \(dguv.de\)](https://www.dguv.de/ifa/gestis/) → open Database → Fluorides

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: Laboratory Contact: Dr. Irene Bock, Angelika Heimann