

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006



Printing date: 21.03.18

Revision: 0 / 08.09.2017

Page 1 / 5

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

Trade name: POLY-PTX® CERAMIC flap wheel

Supplier: Gerd Eisenblätter GmbH

Jeschkenstraße 12d
82538 Geretsried
Phone: + 49 (0) 8171 / 9082 - 010

Emergencies: +49 (0) 8171 / 9082 - 010

2. 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:

Name	EC-No.	CAS-No.	REACH Registration No.	Conc. (%)	Classification acc. to. Regulation (EC) No. 1272/2008 (CLP)	
					Hazard classes / Hazard categories	Hazard statements
cryolite	237-410-6	13775-53-6	01-2119511565-43-XXXX	1 – 8 %	Akut Tox. 4 STOT wdh. 1 Aqu. chron. 2	H332 H372 H411
potassium fluoroborate	237-928-2	14075-53-7	05-2114677444-40-XXXX	1 – 15 %		

(For the wording of the listed risk phrases refer to section 16.)

3. Hazards identification

3.1. Classification

Not applicable

Abrasives are articles and not dangerous substances or mixtures according to the Regulation (EC) No. 1272/2008.

3.2. Label elements

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

3.3. Hazards not otherwise classified

Not known.

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

Trade Name: **POLY-PTX® CERAMIC flap wheel**

Page 2 / 5

4. First aid measures

See also section 8 and 16.

4.1. Description of first aid measures

After inhalation: Not possible, due to the form of the product.

After skin contact: No harmful effects known.

After eye contact: Not possible, due to the form of the product.

After swallowing: 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

Water, foam, sand, powder or CO₂ as appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Toxic fumes may occur. Use respiratory protective equipment.

5.3. Special protective actions 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.

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

Trade Name: **POLY-PTX® CERAMIC flap wheel**

Page 3 / 5

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	Name	EC-No.	CAS-No.	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)		
IOELV (EU)	cryolite	237-410-6	13775-53-6	2,5					Directive 2000/39/EC; Fluoride (inorganic as F)
IOELV (EU)	potassium fluoroborate	237-928-2	14075-53-7	2,5					Directive 2000/39/EC; Fluoride (inorganic as F)

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

8.2. Exposure controls

Individual protection measures

Respiratory protection

Use respiratory protective equipment
(Type depends on specific application and material being ground)

Hand protection

Wear protective gloves
(Type depends on specific application and material being ground)

Eye protection

Wear protective goggles or face shield
(Type depends on specific application and material being ground)

Hearing protection

Use hearing protection
(Type depends on specific application and material being ground)

Body protection

Use protective clothing
(Type depends on specific application and material being ground)

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

Trade Name: **POLY-PTX® CERAMIC flap wheel**

Page 4 / 5

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form: solid

Colour: different colours

Solubility in water: not relevant (article)

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.

12. Ecological information

12.1. Toxicity

No effects known.

12.2. Persistence and degradability

No biodegradable potential known.

12.3. Bioaccumulative potential

No potentials known.

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

Trade Name: **POLY-PTX® CERAMIC flap wheel**

Page 5 / 5

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. Disposal methods

13.1. Waste treatment methods

Product

Follow national and regional regulations.

Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) (EWC-No. 120120).

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

Hazard statements referred to in section 2 and 3:

H332	Harmful if inhaled
H372	Causes damage to organs through prolonged or repeated exposure. Target organs: lungs, skeleton
H411	Toxic to aquatic life with long lasting effects

The information given is based on current knowledge. Products are described in term of their safety data. The data does not signify any warranty with regard to the products properties.

The product should only be used for the stated application or applications. Use of the product for applications other than as stated in the sheet may give rise to risks not mentioned in this sheet.

Further information relating to the use of the product can be obtained from the technical datasheets.