

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

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

Trade name: POLY-PTX® Gum 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 marking required ingredients as per 67/548/EEC and 99/45 EC:

Substance	EC-No.	CAS-No.	Weight (%)	Classification
Silicon Carbide	206-991-8	409-21-2	0 – 90 %	-

3. Hazards identification

Not applicable.

Abrasives are articles and not dangerous substances or preparations according to EC directive no. 99/45.

4. First aid measures

4.1. Description of first aid measures

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

After skin contact: No harmful effects known.

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

After swallowing: If necessary contact physician.

Note to physician: Not available.

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing agents: 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.

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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 (brushing) 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)

Substance	EC-No.	CAS-No.	Concentration limits (daily average value)
Silicon Carbide	206-991-8	409-21-2	TLV-TWA 10 mg/m ³

Note: Hazardous dust of 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

Personal protective equipment:

Respiratory protection:

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

Protection of hands:

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).

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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form: solid

Colour: /

Solubility in water: no

10. Stability and reactivity

Stability

Bonded abrasives are stable when handled or stored correctly.

Reactivity

10.1. Conditions to avoid

No decomposition in normal use.

10.2. Materials 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

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. Ecotoxicity

No effects known.

12.2. Persistence and degradability

No biodegradable potential known.

12.3. Bioaccumulative potential

No potentials known.

12.4. Mobility

No potentials known.

12.5. Other adverse effects

No effects known.

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13. Disposal considerations

13.1. Waste treatment methods

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).

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 marking requirements under respective EC directives.

16. Other information

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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.