

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® CERAMIC mix 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
Aluminium Oxide (Al ₂ O ₃) alternatively Silicon Carbide (SiC)	215-691-6	1344-28-1	20 – 70 %	A S
Phenolic Resin (Hardened)	500-005-2	9003-35-4	10 – 50 %	
Nylon (PA 6.6 resp. PA 6.12)			10 – 50 %	

3. Hazards identification

Not applicable.

Abrasives are not dangerous substances or preparations as defined in 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.

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)
Aluminium Oxide (Al ₂ O ₃) alternatively Silicon Carbide (SiC)	215-691-6	1344-28-1	Total inhalable OES TWA 10 mg/m ³ Respirable dust OES TWA 5 mg/m ³

8.2. Exposure controls

Personal protective equipment:

Respiratory protection:

Use respiratory protective equipment (type depends on application and material being brushed).

Protection of hands:

Wear protective gloves (type depends on application and material being brushed).

Eye protection:

Wear protective goggles or face shield (type depends on application and material being brushed).

Hearing protection:

Use hearing protection (type depends on application and material being brushed).

Body protection:

Use protective clothing (type depends on application and material being brushed).

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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form: solid

Colour: various

Solubility in water: not applicable

10. Stability and reactivity

Stability

Non-woven abrasives are stable when handled or stored

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

Stable – see section 5 of this document.

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.

Dispose of waste at approved landfill site or incinerate at approved facility.

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 substance or mixture

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 terms 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.