

# MATERIAL SAFETY DATA SHEET

Sheet provided on request only for professional users

Revised on: 18.05.2022

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## Important note:

The deburring discs are considered as "articles" by Reg. 1907/06/EC (REACH). Therefore, the drafting of the MSDS is made by boeck GmbH on a voluntary basis, to provide their customers with information about the safe use, handling and disposal of this product. As a result, not all points of the safety sheet are complete.

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## 01 Identification of the product and of the company/undertaking

### 1.1. Identification of the product:

Deburring discs – All grits – All diameters

### 1.2. Use of the product:

Abrasive product

### 1.3. Company identification:

Company name: boeck GmbH  
Street: Ludwigstraße 8  
Location: 89340 Leipheim  
Phone number: +49 (0) 8221 96 43 700  
E-mail: info@boeck-technology.de  
Website: www.boeck-technology.de  
Contact person: Marc Böck  
E-mail: m.boeck@boeck-technology.de

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## 02 Hazards identification

The deburring discs, not being a mixture, are excluded from the list of substances classified as hazardous as defined by Regulation 1272/07 / EC (CLP).

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## 03 Composition/information on ingredients

### The product contains the following ingredients:

- Aluminium Oxide Mineral
- Nylon Fibers
- Cotton Cloth
- Phenolic Resin
- Phenolic
- Paper
- Resin

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## 04 First aid measures

Applicable when deburring discs are in use on machines.

**Inhalation:**

Remove person to fresh air. Seek medical advice if symptoms persist.

**Eye contact:**

Remove from exposure and flush eyes with large amount of water. Seek medical advice if symptoms persist.

**Skin contact:**

Wash affected area with soap and water. Seek medical advice if symptoms persist.

**Ingestion:**

No health effects are expected.

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## 05 Fire-fighting measures

In case of fire toxic fumes may occur. Use respiratory protective equipment.

Extinguishing media: water, foam, sand, powder or CO<sub>2</sub> as appropriate for surrounding materials.

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## 06 Accidental release measures

Not applicable.

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## 07 Handling and storage

Follow instructions of grinding machine manufacturers and the relevant national regulations. Store in a dry and safe place. Be careful not to drop the wheels across the floor. Humidity, along with deformation from rough handling, can cause inadequacy of the product. If the wheels have been soaked or steeped, do not use them, even after a thorough drying. Store products for at least 24 hours at moderate temperatures below 40° Celsius = 104° Fahrenheit.

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## 08 Exposure controls / personal protection

Respect maximum RPM as shown on deburring discs. Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

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### 8.1. Parameters to be monitored

Provide appropriate local exhaust ventilation for sanding, grinding or machining. Provide ventilation adequate to control dust concentrations below recommended exposure limits and /or control dust.

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures and/or control dust, fume, or airborne particles. If ventilation is not adequate, use respiratory protection equipment.

Note: Hazardous dust/fumes 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.

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### 8.2. Occupational exposure controls

*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)

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## 09 Physical and chemical properties

### 9.1. Physical state

Solid

### 9.2. Colour

BLACK / BROWN / GOLD / PURPLE / BLUE / GREEN / GREY / DARK BROWN / RED

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<b>9.3. Auto ignition temperature</b>	Not applicable
<b>9.4. Flash point</b>	Not applicable
<b>9.5. Flammable limits - LEL</b>	Not applicable
<b>9.6. Flammable limits - UEL</b>	Not applicable
<b>9.7. Boiling point</b>	Not applicable
<b>9.8. Density</b>	Not applicable
<b>9.9. Vapour density</b>	Not applicable
<b>9.10. Vapour pressure</b>	Not applicable
<b>9.11. Specific gravity</b>	No data available
<b>9.12. pH</b>	Not applicable
<b>9.13. Melting point</b>	Not applicable
<b>9.14. Solubility in water</b>	Not applicable
<b>9.15. Evaporation rate</b>	Not applicable
<b>9.16. Kow - Oct/Water partition coef</b>	Not applicable
<b>9.17. Viscosity</b>	Not applicable

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## 10 Stability and reactivity

**10.1. Stability**  
*Stable.* Deburring discs are stable when handled and stored correctly.

**10.2. Reactivity**

**Conditions to avoid**

None known.

**Materials to avoid**

None known.

**Hazardous decomposition products**

Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur because of oxidation, heating, misuse or reaction with another material.

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## 11 Toxicological information

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. Ecotoxicity	Not applicable
12.2. Mobility	Not applicable
12.3. Persistence and degradability	Not applicable
12.4. Bio-accumulative potential	Not applicable
12.5. Other hazardous effects	Not applicable

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## 13 Disposal considerations

### 13.1. Product

If not used, follow national and regional regulations. After use, deburring discs may be contaminated with hazardous materials (particle or cooling agents) and should be disposed of in accordance with national and regional regulations.

### 13.2. Packing

Follow national and regional regulations.

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## 14 Transport information

No hazardous material for transport.

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## 15 Regulatory information

No specific labelling requirements under respective EC directives.

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## 16 Other information

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.

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*(The data of the hazardous ingredients were taken from the most recent safety data sheet of the supplier.)*