1. Name of the product and the company

Trade name
Lamellar grinding disc
Fibre discs

Details of the manufacturer / supplier
Metabowerke GmbH
Metabo Alley 1
D-72622 Nürtingen
Phone: +49 (0) 7022 - 72 0
Fax: +49 (0) 7022 - 72 2595
Customer Service: International Service Center (ISC)
Phone: +49 (0) 7022 - 72 3230
E-mail: anwendungsberatung@metabo.de

Grinding wheels are considered articles according to REACH Regulation 1907/2006/EC. Consequently, a safety data sheet does not have to be prepared for grinding wheels. For the safe use and handling of grinding wheels, our voluntary safety information is available to you.

2. Possible dangers

Classification / Labelling
Not applicable. Grinding wheels are articles and not dangerous substances or mixtures according to Regulation (EC) No 1272 / 2008. Labelling is not required.

3. Composition / information on ingredients

Characterisation
Lamellar grinding disc

<table>
<thead>
<tr>
<th>Chemical substance</th>
<th>CAS number</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>High temperature melt reduction products</td>
<td>68955-26-0</td>
<td>&lt; 5-20 %</td>
</tr>
<tr>
<td>with zirconium oxide (ZrO₂)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Epoxy resin</td>
<td></td>
<td>&lt; 80 %</td>
</tr>
<tr>
<td>Cryolite = sodium aluminium fluoride (thermally cured)</td>
<td>13775-53-6</td>
<td>&lt; 2-5 %</td>
</tr>
<tr>
<td>Potassium tetrafluoroborate</td>
<td>237-928-2</td>
<td>1-15 %</td>
</tr>
</tbody>
</table>

Fibre discs

<table>
<thead>
<tr>
<th>Chemical substance</th>
<th>CAS number</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>High temperature melt reduction products</td>
<td>68955-26-0</td>
<td>&lt; 5-20 %</td>
</tr>
<tr>
<td>with zirconium oxide (ZrO₂)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Epoxy resin</td>
<td></td>
<td>&lt; 80 %</td>
</tr>
<tr>
<td>Cryolite = sodium aluminium fluoride (thermally cured)</td>
<td>13775-53-6</td>
<td>&lt; 2-5 %</td>
</tr>
<tr>
<td>Potassium tetrafluoroborate</td>
<td>237-928-2</td>
<td>1-15 %</td>
</tr>
</tbody>
</table>
4. First aid measures

Description of the first aid measures
Please also note nos. 8 and 16 of the voluntary product information.

Inhalation:
Not possible due to the shape of the product
Eye contact:
Not possible due to the shape of the product
Skin contact:
No adverse health effects known
Ingestion:
Not possible due to the shape of the product
Notes for the doctor:
Not specified

5. Fire fighting

Extinguishing agent:
Suitable extinguishing media: water, extinguishing powder, extinguishing foam, sand, carbon dioxide

Dangers:
Hazardous fumes may be generated. Use respiratory protective equipment. Adapt fire-fighting measures to the surrounding situation.

6. Measures in the event of accidental release

Not applicable.

7. Handling and storage

When handling, the instructions for grinding machines and the relevant national regulations, as well as safety recommendations, must be observed.

8. Exposure controls / personal protective equipment

For safe grinding, a risk assessment (workplace evaluation) and the use of the appropriate personal protective equipment is recommended.

Exposure limits:
Components with limit values that require monitoring at the workplace: (Observe country-specific official regulations):

Cryolite CAS No 13775-53-6
Exposure limit long-term: 1.0 mg/m³
Peak limit: 4.0/m³
Source: TRSG 900

Note: Hazardous dust from the material to be machined can be generated by grinding / machining.
Exposure controls and monitoring
Note: The official national regulations for dust limits are to be observed

Respiratory protection:
Put on dust mask (quality class depending on the material to be processed)
Hand protection:
Use protective gloves (quality class depending on the material to be processed).
Eye protection:
Use protective bonnet, goggles or face protection (grade depending on the material to be processed).
Hearing protection:
Use hearing protection (grade depending on the material to be processed).
Body protection:
Use body protection (grade depending on the material to be machined and the machining process).

9. Physical and chemical properties
Physical state: solid, colour: black, solubility in water: insoluble

10. Stability and reactivity
Grinding wheels are durable and do not change during handling and storage.
No decomposition and dangerous reactions known.

11. Toxicological information
If handled properly and the generally applicable hygiene and safety regulations are observed, no damage to health has been reported so far. The instructions under No. 8 of this safety information must be observed.

12. Environmental information
No negative consequences for the environment are to be expected if the product is handled properly.

13. Notes on disposal
National and local regulations must be followed.
Due to the ingredients and properties, disposal is as non-hazardous waste, provided no hazardous substances are applied to the grinding wheel by the user.

14. Transport information
Grinding wheels are not dangerous goods.

15. Legislation
The product does not require labelling according to EC directives.

16. Other information
The notes provide assistance in complying with legal requirements, but do not replace them. They are based on the current state of knowledge.
The above information has been compiled to the best of our knowledge and belief.
They do not constitute a guarantee of properties. Applicable laws and regulations must be observed by the distributors, transporters, disposers and users of the product at their own responsibility.