

## **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

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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

| Chemical substance  | CAS number | Content  |
|---|------------|----------|
| High temperature melt reduction products with zirconium oxide (ZrO <sub>2</sub> ) | 68955-26-0 | < 5-20 % |
| Epoxy resin   |            | < 80 %   |
| Cryolite = sodium aluminium fluoride (thermally cured)                            | 13775-53-6 | < 2-5 %  |
| Potassium tetrafluoroborate   | 237-928-2  | 1-15 %   |

#### Fibre discs

| Chemical substance  | CAS number | Content  |
|---|------------|----------|
| High temperature melt reduction products with zirconium oxide (ZrO <sub>2</sub> ) | 68955-26-0 | < 5-20 % |
| Epoxy resin   |            | < 80 %   |
| Cryolite = sodium aluminium fluoride (thermally cured)                            | 13775-53-6 | < 2-5 %  |
| Potassium tetrafluoroborate   | 237-928-2  | 1-15 %   |

Coated abrasives (sanding sheets, sanding belts)

| Chemical substances   | CAS number | Content |
|---|------------|---------|
| Cryolite = trisodium hexafluoroaluminate<br>(thermally cured) | 13775-53-6 | 1-9 %   |

#### **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/m<sup>3</sup>

Peak limit: 4.0/m<sup>3</sup>

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.