



**MATERIAL SAFETY DATA SHEET FOR ORGANIC BONDED ABRASIVES**

- Formatted by FEPA according to REGULATION (EC) No 1907/2006 -

**1. Identification of the substance/preparation and of the company/undertaking:**

**1.1 Identification of the product:**

Cut-off wheels

METABO 616738 125X2,5X22,233

**1.2 Use of the product:**

Organic bonded abrasives for grinding / cutting of different materials

**1.3 Company identification:**

Company: Metabowerke GmbH

Address: Metabo-Allee 1

D-72622 Nürtingen

Phone: 0049 7022 72-2401 Fax: 0049 7022 72 2897

E-mail: [HStreicher@metabo.de](mailto:HStreicher@metabo.de)

**Emergency number:**

07022/72-0 9:00 – 17:00 h

**2. Hazards Identification**

Not applicable

Abrasives are not dangerous substances or preparations according to directive 1999/45/EC.

See also section 8 and 16.

**3. Composition/Information on Ingredients**

The product contains the following marking required ingredients as per 67/548/EEC and 99/45/EC

Name	EC Nr. (ELINCS/EINECS)	CAS N°	Concentration range	Classification
Kryolith	237-410-6	15096-52-3	9 - 14 %	T,N,Xn ; R20/22/23/25/48/51/53/

(For the full text of the R-phrases see section 16)

**4. First Aid Measures**

See also section 8 and 16

Inhalation:

Not possible, due to the form of the product

Eye contact:

Not possible, due to the form of the product

Skin contact:

No harmful effects known

Ingestion:

Not likely, due to the form of the product; if necessary contact physician

Note to physician:

Not available.



## 5. Fire Fighting Measures

Toxic fumes may occur. Use respiratory protective equipment.

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

## 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

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

8.1. Occupational exposure limit values and/or biological limit values

Keep exposure to the following components under surveillance

(Observe also the regional official regulations)

Name	CAS Nr.	Specification	Concentration limits (daily average value)	Short term value	remarks
Kryolith	15096-52-3	TRGS 900	1,60 mg/m <sup>3</sup>	2,00	

Note: Hazardous dust of the 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

8.2.1. Occupational exposure controls

8.2.1.1. Respiratory protection: Use respiratory protective equipment  
(type depends on specific application and material being ground)

8.2.1.2. Hand protection: Wear protective gloves  
(type depends on specific application and material being ground)

8.2.1.3. Eye protection: Wear protective goggles or face shield  
(type depends on specific application and material being ground)

8.2.1.4. Hearing protection: Use hearing protection  
(type depends on specific application and material being ground)

8.2.1.5. Body protection: Use protective clothing  
(type depends on specific application and material being ground)



## 9. Physical and Chemical Properties

- |     |                      |                           |
|-----|----------------------|---------------------------|
| 9.1 | Physical state:      | solid                     |
| 9.2 | Colour:              | depending of product type |
| 9.3 | Solubility in water: | not indicated             |

## 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

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.  
See also section 8.

## 12. Ecological Information

- |      |                                |                                   |
|------|--------------------------------|-----------------------------------|
| 12.1 | Ecotoxicity:                   | no effects known                  |
| 12.2 | Mobility:                      | no potentials known               |
| 12.3 | Persistence and degradability: | no biodegradable potentials known |
| 12.4 | Bioaccumulative potential:     | no potentials known               |
| 12.5 | Other hazardous effects:       | no effects known                  |

## 13. Disposal Considerations

### 13.1. 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),

Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) (EWC – Nr. 120120)

### 13.2. Packing

Follow national and regional regulations!



FEDERATION EUROPEENNE DES  
FABRICANTS DE PRODUITS ABRASIFS

**metabo**<sup>®</sup>

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#### **14. Transport Information**

The product is not covered by international regulation on the transport of dangerous goods.

#### **15. Regulatory Information**

No specific labelling requirements under respective EC directives

#### **16. Other Information**

R20 harmful on inhalation.

R22 harmful if swallowed.

R23 toxic on inhalation.

R25 toxic if swallowed.

R48 danger of serious damage to health by prolonged exposure.

R51 toxic to aquatic organisms.

R53 may cause long-term adverse effects in aquatic environment.

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.

Issued by: T-S-F

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