

**Voluntary product information based on the format of a safety data sheet  
for organic bonded abrasives**

## **1. Identification of the product and of the company/undertaking**

### **1.1 Product identifier**

Mirka Cutting Wheel 115x2,5x22,2mm M2C30S-BF Stone (Mirka code: 75810115325)

Mirka Cutting Wheel 125x2,5x22,2mm M2C30S-BF Stone (Mirka code: 75810125325)

### **1.2 Use of the product**

Organic bonded abrasives used for grinding/cutting of different materials.

### **1.3 Details of the supplier of the voluntary product information:**

Company: Mirka Ltd

Address: Pensalavägen 210  
FI-66850 Jeppo, Finland

Phone: +358 20 760 2111 Fax: +358 20 760 2290

National contact: sales@mirka.com

### **1.4 Emergency telephone number:**

+358 20 760 2111

Opening hours: Monday – Friday at 08:00 a.m. – 04:00 p.m. (UTC/GMT +2:00/+3:00)

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## **2. Hazards identification**

### **2.1. Classification**

Not applicable

Abrasives are articles and not dangerous substances or mixtures according to Regulation (EC) N° 1272/2008.

See also section 8 and 16.

### **2.2. Label elements**

Abrasives are articles and not dangerous substances or mixtures and therefore no labelling is required according to Regulation (EC) N° 1272/2008.

### **2.3. Other hazards**

Not known.

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### 3. Composition/information on ingredients

The product does not contain ingredients which are classified according to 67/548/EEC and 99/45 EC or Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists.

Formaldehyd (max. 0,015%) can be part of the raw materials, but not the finished product.

After firing, the tool is a consistent resinoid body, it is a whole new substance.

The ingredients are not further existent in the original chemical structure.

The wheel was produced without addition of fillers containing fluorine (F), chlorine (Cl), sulfur (SO<sub>4</sub>), iron (Fe), copper (Cu) and zinc (Zn).

Suitable for stainless steel conditioning.

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### 4. First aid measures

See also section 8 and 16

#### 4.1. Description of first aid measures

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.

#### 4.2. Most important symptoms and effects, both acute and delayed

Not known.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Not relevant. Treat symptomatically.

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### 5. Fire fighting measures

#### 5.1. Extinguishing media

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

#### 5.2. Special hazards arising from the product

Toxic fumes may occur. Use respiratory protective equipment.

#### 5.3. Advice for fire fighters

Extinguishing materials should be selected according to the surrounding area.

## 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 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)

Limit value type (country of origin)	substance	EC-N°	CAS-N°	Occupational limit value				Peak limit	source, remark
				Long term		Short term			
				mg/m <sup>3</sup>	ml/m <sup>3</sup> (ppm)	mg/m <sup>3</sup>	ml/m <sup>3</sup> (ppm)		

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. Individual protection measures

##### 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. Information on basic physical and chemical properties

- a) Physical state: Solid
- b) Colour: Various
- c) Solubility in water: Not applicable

### 9.2. Other information

None.

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## 10. Stability and reactivity

### 10.1. Reactivity

Organic Bonded Abrasives are stable when handled or stored correctly.

### 10.2. Chemical stability

Organic Bonded Abrasives are stable when handled or stored correctly.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

### 10.4. Conditions to avoid

No decomposition in normal use.

### 10.5. Incompatible materials

No dangerous reactions known.

### 10.6. Hazardous decomposition products

At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated.

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## 11. Toxicological information

### 11.1. Information on toxicological effects

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. Toxicity

No effects known.

### 12.2. Persistence and degradability

No biodegradable potentials known.

### 12.3. Bioaccumulative potential

No potentials known.

#### **12.4. Mobility in soil**

No potentials known.

#### **12.5. Results of PBT and vPvB assessment**

Not relevant.

#### **12.6. Other adverse effects**

No effects known.

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### **13. Disposal considerations**

#### **13.1. Product**

Follow national and regional regulations.

#### **13.2. Packing**

Follow national and regional regulations.

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### **14. Transport information**

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

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### **15. Regulatory information**

#### **15.1. Safety, health and environmental regulations/legislation specific for the product**

No specific labelling requirements under respective EC directives.

#### **15.2. Chemical safety assessment**

Not relevant.

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### **16. Other information**

#### **Changes to the previous versions**

See sections 1 to 16.

#### **Literature and data sources**

REACH Regulation (EC) Nr. 1907/2006

Regulation (EC) N° 1272/2008

Directive 98/24/EC

Directive 2000/39/EC

Directive 75/324/EEC

Decision 2000/532/EC

Transport regulations according to ADR, RID und IATA.



FEDERATION OF EUROPEAN  
PRODUCERS OF ABRASIVES



Reference / Product name: Cutting Wheel  
Stone Group 1  
Version/Revision (date): 2/16.05.2023  
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