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 PRO Grinding 125x4,0x22,2mm M1A30Q-BF Steel (Mirka code: 75920125040)

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)

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 contains the following ingredients which are classified according to Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists:

Substance	EC-N°	CAS-N°	Conc. (%)	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)	
				Hazard classes/ hazard categories	Hazard statements
Sodium-Aluminium-Fluoride	237-410-6	13775-53-6	<15		H302 H332 H372 H411

(For full text of H-phrases see section 16)

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 chlorine (Cl), sulfur (SO4), iron (Fe), copper(Cu) and zinc (Zn).
Suitable for stainless steel conditioning.

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.

5. Fire fighting measures

5.1. Extinguishing media

Extinguishing media: water, foam, sand, powder or $C0_2$ 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/m³	ml/m³ (ppm)	mg/m³	ml/m³ (ppm)		
MAK (A)	Fluoride			2,5		12,5			GKV

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)

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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.

13. Disposal Considerations

13.1. Product

Follow national and regional regulations.

13.2. Packing

Follow national and regional regulations.

14. Transport information

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

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.

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.

Hazard statements referred to in section 2 and 3
According to Regulation (EC) N° 1272/2008:

H302 Harmful if swallowed.
H332 Harmful if inhaled.
H372 Causes damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

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.