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

1.1 Product identifier

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1.2 Use of the product

Coated abrasives for the grinding/sanding of different kinds of material.

1.3 Details of the supplier of the voluntary product information:

Company: KWH Mirka Ltd
Address: Pensalavägen 210
         FI-66850 Jeppo, Finland
Phone: +358 20 760 2111    Fax: +358 20 760 2290
National contact: sales@mirka.com

Copyright FEPA, 20 Avenue Reille F-75014 PARIS
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 directive 1999/45/EC or 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 directive 1999/45/EC or Regulation (EC) N° 1272/2008.

2.3. Other hazards

Not known.

3. Composition/information on ingredients

The product contains the following ingredients which are classified according to 67/548/EEC or Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists:

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<td>Hazard classes/hazard categories</td>
<td>Hazard statements</td>
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(For full text of H- and R-phrases see section 16)

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 CO₂ 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)
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**

9.1. Physical state: solid


**9.2. Other information**

None.

**10. Stability and reactivity**

**10.1. Reactivity**

Coated Abrasives are stable when handled or stored correctly.

**10.2. Chemical stability**

No decomposition in normal use.

**10.3. Possibility of hazardous reactions**

No dangerous reactions known.

**10.4. Conditions to avoid**

Coated Abrasives are stable when handled or stored correctly.

**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.

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.

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. Waste treatment methods

13.1. Product
Follow national and regional regulations.

X 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),

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

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

Transport regulations according to ADR, RID und IATA.

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.