



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

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

**1.1 Product identifier**

A	D	J	Q
Abralon	Deflex	Jepuflex	Q.Silver
Abranet		Jepuflex Plus	Q.Silver Ace
Abranet Ace	E	M	
Abranet Eco	Easygrip	Microstar	
Abranet HD	Ecowet	Mirkon	R
<u>Abranet Max</u>		Mirlon	Royal
Abranet NC	G	Mirlon Total	Royal Micro
Abranet NS	Gold	Mirlon NC	Royal Plus
Abranet SIC	Gold E	Mirox	
Abranet Soft	<u>Gold Max</u>	MI231A	S
Alox	Gold NC	MI231C	Sica Coarse
Aquastar	Gold Proflex	MI231G	Sica Closed
Aquastar Soft	Gold Soft	MI232C	Sica Fine
Autonet	Goldflex	MI241D	Sica Fine Stearate
Avomax Plus	Goldflex-Soft		Sica Open
Avox		O	Stalit
	H	Oraflex	
B	Hiflex	OSP	U
Basecut	Hiolit F		Ultimax
C	Hiolit J	P	Unimax
Calitex	<u>Hiolit JE</u>	Polarstar	
Carat	Hiolit X	Polarstar SR	
<u>Caratflex</u>	<u>Hiolit XO</u>	Polarstar SR SIC	W
Coarse Cut	Hiomant		WPF
Combi			

**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



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#### 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:

Substance	EC-N°	CAS-N°	REACH Registration N°	Conc. (%)	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)		Classification acc. to Directive 67/548/EEC
					Hazard classes/ hazard categories	Hazard statements	

(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.

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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.

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### **6. Accidental release measures**

Not applicable.

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### **7. Handling and storage**

Follow instructions of grinding machine manufacturers and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.

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### **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

- 9.1 Physical state: solid
- 9.2 Colour: variable ([www.mirka.com/en/abrasives/Abrasives\\_By\\_Name](http://www.mirka.com/en/abrasives/Abrasives_By_Name))
- 9.3 Solubility in water: Not defined.

### 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.

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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. 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.

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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

Directive (1999/45/EC), amended by Regulation (EC) N°. 1907/2006.  
Directive (67/548/EEC), amended by Directive 2009/2/EC.  
REACH Regulation (EC) Nr. 1907/2006, amended by Regulation (EC) N° 552/2009.  
Regulation (EC) N° 1272/2008, amended by Regulation (EC) N° 790/2009.  
Directive 2000/39/EC, amended by Directive 2009/161/EC  
Directive 75/324/EEC, amended by Regulation (EC) N° 219/2009.  
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.