



Product: CA70 Structured Abrasive  
Version (date): 2023-11-02  
Printing date: 2023-11-02

**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

Serie, name: CA70 Structured Abrasive

Grit range: 6  $\mu$  to 100  $\mu$

Reverse side: plain

### 1.2 Use of the product

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

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

Company: Biffignandi Spa

Address: Via Circonvallazione Est 2/6

27023 Cassolnovo Italia

Phone: +39 0381 920111 Fax: +39 0381 92272

E-mail: info@precision-polishing.com

### 1.4 Emergency telephone number:

+39 0381 920111 (08:30-12:00 / 13:30-18:00)

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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 contains the following ingredients which are not classified according to Regulation (EC) Nr. 1272/2008:



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Substance	EC-N°	CAS-N°	REACH Registration N°	Conc. (%)	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)	
					Hazard classes/ hazard categories	Hazard statements
Aluminium oxide	215-691-6	1344-28-1	-	36	-	-
Potassium Tetrafluoro borate	237-928-2	14075-53-7	-	14	-	-
Adhesive Mixture		-		18	-	-
Surfactant Mixture		-		0,7	-	-
Rayon Cloth		-		30	-	-

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

**Remark** No PDMS (silicone-oils) present in this product.

#### 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: Remove contact lenses if present and easy to do so. Flush eyes thoroughly with large amounts of water, holding eyelids open. If irritation persists, seek medical attention.

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. Firefighting 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.



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### 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 working with coated abrasive tools is recommended to perform a risk assessment and to use personal protection equipment accordingly.

Occupational exposure limit values and/or biological limit values must be taken into consideration.

Note: Hazardous dust of the workpiece material may be generated during grinding and/or sanding operations. National regulations for dust exposure limit values must 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

General Physical Form	Solid
Product Appearance	Abrasive product
Grade	-
Color	Grey- brown depending on grit
Odor	Solid abrasive product, no odor.
Odor Threshold	Not applicable
pH	Not applicable
Melting point	Not applicable
Boiling point	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammable Limits (LEL)	Not applicable
Flammable Limits (UEL)	Not applicable
Vapor density	Not applicable
Specific gravity	Not applicable
Solubility in Water	Not applicable
Solubility non-Water	Not applicable
Partition coefficient: n-octanol / water	Not applicable
Autoignition temperature	Not applicable
Decomposition temperature	Not applicable
Viscosity	Not applicable

### 9.2. Other information

None.

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## 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.

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),

#### 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

### 16.1. Changes to the previous versions

See sections 1 to 16.

### 16.2. 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.

### 16.3. Hazard statements referred to in section 2 and 3

#### According to Regulation (EC) N° 1272/2008:

None

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: Research and Development