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FX87

Product code:

All Cibo product codes starting with FX87

CHAPTER 1: Identification of the substance/mixture and of the company/undertaking

Company

Company name: Cibo nv/sa
Street: Deugenietstraat 5
Town: 3150 Tildonk – België
Telephone: Tel: +32 (0)16 61 85 85 Fax: +32 (0)16 61 84 84
E-mail: info@cibo.be
Website: www.cibo.be/en
Responsible/issuing person: Bram Gilles

Product

Identification: FX87 – ceramic abrasive cloths in belts, sheets, rolls
Application: Ceramic coated abrasive material used for sanding and finishing operations of various materials, including metals.

Imported notice

Coated abrasives are inert products which do not create any risk when handled or stored. When used on grinding machines they require specific measures to protect the operators. During the grinding operation 90% or more of the particulates of the dust come from the material being ground and, for wet grinding, from aerosols generated by the grinding fluid. Specific attention must therefore be given to the nature of the part and of the fluid and the appropriate protection devices must be installed.

CHAPTER 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.

2.1 Label elements

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

2.1 Other hazards

Not known.

CHAPTER 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-Nr.	CAS-Nr.	REACH Registration Nr.	Conc. (%)	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)	
					Hazard classes/hazard categories	Hazard statements
Cryolite	237-410-6	13775-53-6	01-2119511565-43-XXXX	1-8%	Akut Tox. 4 STOT wdh. 1 Aqua. chron. 2	H332 H372 H411
Potassium Fluoroborate	237-928-2	14075-53-7	05-2114677444-40-XXXX	1-15%		

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

CHAPTER 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.

CHAPTER 5: Firefighting 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.

CHAPTER 6: Accidental release measures

Not applicable.

CHAPTER 7: Handling and storage

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

CHAPTER 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 ³	ml/m ³ (ppm)	mg/m ³	ml/m ³ (ppm)		
IOELV (EU)	cryolite	237-410-6	13775-53-6	2,5				Directive 2000/39/EC; Fluoride (inorganic as F)	
IOELV (EU)	Potassium fluoroborate	237-928-2	14075-53-7	2,5				Directive 2000/39/EC; Fluoride (inorganic as F)	

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

Individual protection measures

Respiratory protection:

Use respiratory equipment.
(Type depends on specific application and material being ground)

Hand protection:

Wear protective gloves.
(Type depends on specific application and material being ground)

Eye protection:

Wear protective goggles or face shield.

Hearing protection:	(Type depends on specific application and material being ground) Use hearing protection.
Skin and body protection:	(Type depends on specific application and material being ground) Use protective clothing. (Type depends on specific application and material being ground)

CHAPTER 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid
Colour:	not applicable/different colors
Solubility in water	not relevant (article)

9.2. Other information

None.

CHAPTER 10: Stability and reactivity

Reactivity:	Coated Abrasives are stable when handled or stored.
Chemical stability:	No decomposition in normal use.
Possibility of hazardous reactions	No dangerous reactions known.
Conditions to avoid	Coated Abrasives are stable when handled or stored correctly.
Incompatible materials	No dangerous reactions known.
Hazardous decomposition products	At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated.

CHAPTER 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.

CHAPTER 12: ECOLOGICAL INFORMATION

Toxicity

No effects known

Persistence and degradability

No biodegradable potentials known.

Bio accumulative potential

No potentials known.

Mobility in soil

No potentials known.

Results of PBT and vPvB assessment

Not relevant

Other adverse effects

No effects known.

CHAPTER 13: Disposal considerations

13.1. Waste treatment methods

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), Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) (EWC – Nr. 120120)
Packing:	Follow national and regional regulations

CHAPTER 14: Transport information

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

DEEL 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.

DEEL 16: Other information

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:

H332	Harmful if inhaled.
H372	Causes damage to organs through prolonged or repeated exposure. Target organs: lungs, skeleton
H302	Harmful if swallowed.
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.

CIBO nv/sa
Deugenetstraat 5
3150 Tildonk - België

T +32 (0)16 61 85 85
F +32 (0)16 61 84 84
info@cibo.be - www.cibo.be

BE 0403 556 028
RPR Leuven
Steuernummer DE 42/678/27011

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