

Updated on 20-06-22

Product code(s): KK, LKGR

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

Company

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Product

Identification: KK7722J
Application: Abrasives for industrial and professional application

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

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.

Label elements

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

Other hazards

Not known.

CHAPTER 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)	Hazard classes/hazard categories	Hazard statements
cryolite	237-410- 6	13775-53- 6	01- 2119511565- 43-XXXX	1-14%	Akut Tox. 4 STOT wdh. 1 Aqua. chron. 2		H332 H372 H411
Potassium fluoroborate	237-928- 2	14075-53- 7	05- 2114677444- 40-XXXX	1-14%			

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

CHAPTER 4: First aid measures

See also section 8 and 16

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

Most important symptoms and effects, both acute and delayed

Not known

indication of any immediate medical attention and special treatment needed

Not relevant. Treat symptomatically.

CHAPTER 5: Firefighting measures

Extinguishing media

Extinguishing media: water, foam, sand, powder or CO₂ as appropriate for surrounding materials.

Special hazards arising from the product

Toxic fumes may occur. Use respiratory protective equipment.

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

CHAPTER 8: Exposure controls/personal protection

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 or origin)	Substance	EC-N°	CAS-N°	Occupational limit value				Peak limit	Source
				Long term		Short term			
				Mg/m ³	MI/m ³ (ppm)	Mg/m ³	MI/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

Exposure controls

Individual protection measures

Respiratory protection: Use respiratory protective 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
(type depends on specific application and material being ground)

Hearing protection: Use hearing protection
(type depends on specific application and material being ground)

Body protection: Use protective clothing
(type depends on specific application and material being ground)

CHAPTER 9: Physical and chemical properties

Information on basic physical and chemical properties

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

Other information

None.

CHAPTER 10: Stability and reactivity

Reactivity: Coated Abrasives are stable when handled or stored correctly.

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

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

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

Safety, health and environmental regulations/ legislation specific for the product

No specific labelling requirements under respective EC directives

National or local Regulations:

Not relevant.

DEEL 16: Other information

Changes to the previous versions

See section 1

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.

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