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:

Identification of the product:

Coated abrasives (Group 1)

Use of the product:

Coated abrasives for the grinding/sanding of different kinds of materials (metals, wood, plastics, marble & stones, etc.).

Company identification:

Company: Shark Industries

Address:

6700 Bleck Drive, Rockford, MN 55373 US

Phone: 800-537-4275 Fax:763-565-1901

E-mail: info@sharkind.com

Emergency number: 1-800-424-9300

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	
Cryolite	237-410-6	13775-53-6	05-2114651572-49-0000	As annexed	Acute Tox. 4 STOT RE 1 Repr . 2 Aquatic Chronic 2	H332 H372 H362 H411	T; R48/23/25 Xn; R20 N; R51/53 R64
Potassium fluoroborate	237-928-2	14075-53-7	---	As annexed	Eye Irrit. 2A	H319	Xi; R36

(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 $C0_2$ 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.
Please notice also the FEPA Leaflet

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/m³	ml/m³ (ppm)	mg/m³	ml/m³ (ppm)		
for EU	Cryolite	237-410-6	13775-53-6	2,5					Directive 2000/39/EC; Fluoride (inorganic as F)
for EU	Potassium fluoroborate	237-928-2	14075-53-7	2,5					Respirable dust 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

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
9.3	Solubility in water:	Not applicable

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.

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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),

☒ 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.

Hazard statements referred to in section 2 and 3

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

H–phrasesforcryolite;

H 332 Harmful if inhaled
H 372 May cause damage to organs (lung, skeleton) to prolonged or repeated exposure
H 362 May cause harm to breast-fed babies
H 411 Toxic to aquatic life with long lasting effects

H–phrasesforpotassiumfluoroborate;

H319 Causes serious eye irritation.

According to Directive 67/548/EEC:

R–phrasesforcryolite;

R 20 Harmful by inhalation
R 48/23/25 Toxic: danger of serious damage to health by prolonged exposure through inhalation and if swallowed
R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 64 May cause harm to breast-fed babies

R–phrasesforpotassiumfluoroborate;

R36 Irritatiing to eyes

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 : Quality Assurance Department

Annex

Group3

Code	Grit Range	Colour	Solubility	Concentration of Cryolite	Concentration of Potassium Fluoroborate
AJFR11	P:60-600	Green	insignificant	0-7%	0-3%
AWR51	P:24-120	Maroon	insignificant	2-5%	5-12%
ZWR51	P:24-120	Green	insignificant	2-5%	7-12%
ZXSP51	P:60-120	Blue	insignificant	2-5%	5-13%
ZYSP51	P:24-50	Blue	insignificant	2-5%	7-12%
	P:FEPA				