



Reference / Product name: Coated  
Abrasives Group3 (Annex)  
Version/Revision (date) : 22.04.2015  
Printing date: 22.04.2015

page 1 of 7

**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**

Coated abrasives, (Annex-Group3)

**1.2 Use of the product**

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

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

Company: CGW - CAMEL GRINDING WHEELS, INC.

Address: 7525 N. OAK PARK AVE.

Phone: 800-447-4248 Fax: 800-847-3731

E-mail: [sales@cgwcamel.com](mailto:sales@cgwcamel.com)

Phone: 800-447-4248 Fax: 800-447-3731

Email: [sales@cgwcamel.com](mailto:sales@cgwcamel.com)

Web : [www.cgwcamel.com](http://www.cgwcamel.com)

**1.4 Emergency telephone number:** 800-447-4248

**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 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.

### 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.

### 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)		
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.

## **13. Disposal considerations**

### **13.1. Waste treatment methods**

13.1. Product

Follow national and regional regulations.

Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) (EWC – Nr. 120120)

13.2. Packing

Follow national and regional regulations.

## **14. Transport information**

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

## **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.

## 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 – phrases for cryolite:

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 – phrases for potassium fluoroborate:

H319 Causes serious eye irritation.

#### According to Directive 67/548/EEC:

##### R – phrases for cryolite:

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 – phrases for potassium fluoroborate:

R36 Irritating 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

Contact: Canan GUNSEVER

**Annex**  
**Group 3**

<b>Code</b>	<b>Grit Range</b>	<b>Colour</b>	<b>Solubility</b>	<b>Concentration of Cryolite</b>	<b>Concentration of Potassium Fluoroborate</b>
AJFR11	P:60-600	Green	insignificant	0-7%	0-3%
AWR51	P:16-400	Green	insignificant	2-5%	5-12%
ZWR51	P:24-220	Blue	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				