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
Phone: 800-447-4248 Fax: 800-447-3731
Email: sales@cgwcamel.com
Web: 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:

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>REACH</td>
<td></td>
<td>Hazard classes/hazard categories</td>
<td>Hazard statements</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Registration Nº</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cryolite</td>
<td>237-410-6</td>
<td>13775-53-6</td>
<td>05-2114651572-49-0000</td>
<td>Acute Tox. 4 STOT RE 1 Repr. 2 Aquatic Chronic 2</td>
<td>H332 H372 H362 H411 T; R48/23/25 Xn; R20 N; R51/53 R64</td>
</tr>
<tr>
<td>Potassium fluoroborate</td>
<td>237-928-2</td>
<td>14075-53-7</td>
<td>-</td>
<td>As annexed Eye Irrit. 2A</td>
<td>H319 Xi; R36</td>
</tr>
</tbody>
</table>

(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 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.

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)

<table>
<thead>
<tr>
<th>Limit value type (country of origin)</th>
<th>substance</th>
<th>EC-N°</th>
<th>CAS-N°</th>
<th>Occupational limit value</th>
<th>Peak limit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Long term</td>
<td>Short term</td>
</tr>
<tr>
<td></td>
<td></td>
<td>mg/m³</td>
<td>ml/m³ (ppm)</td>
<td>mg/m³</td>
<td>ml/m³ (ppm)</td>
</tr>
<tr>
<td>for EU</td>
<td>Cryolite</td>
<td>237-410-6</td>
<td>13775-53-6</td>
<td>2,5</td>
<td></td>
</tr>
<tr>
<td>for EU</td>
<td>Potassium fluoroborate</td>
<td>237-928-2</td>
<td>14075-53-7</td>
<td>2,5</td>
<td></td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Grit Range</th>
<th>Colour</th>
<th>Solubility</th>
<th>Concentration of Cryolite</th>
<th>Concentration of Potassium Fluoroborate</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJFR11</td>
<td>P:60-600</td>
<td>Green</td>
<td>insignificant</td>
<td>0-7%</td>
<td>0-3%</td>
</tr>
<tr>
<td>AWR51</td>
<td>P:16-400</td>
<td>Green</td>
<td>insignificant</td>
<td>2-5%</td>
<td>5-12%</td>
</tr>
<tr>
<td>ZWR51</td>
<td>P:24-220</td>
<td>Blue</td>
<td>insignificant</td>
<td>2-5%</td>
<td>7-12%</td>
</tr>
<tr>
<td>ZXSP51</td>
<td>P:60-120</td>
<td>Blue</td>
<td>insignificant</td>
<td>2-5%</td>
<td>5-13%</td>
</tr>
<tr>
<td>ZYSP51</td>
<td>P:24-50</td>
<td>Blue</td>
<td>insignificant</td>
<td>2-5%</td>
<td>7-12%</td>
</tr>
<tr>
<td></td>
<td>P:FEPA</td>
<td></td>
<td></td>
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</tbody>
</table>