

Voluntary product information based on the format of a safety data sheet for organic bonded abrasives.

## **1. Identification of Product and Company**

### **1.1 Product Identifier: 7800607003**

41C CUT-OFF WHEEL, REINF.

178X1,6X22,23

A46-BF

Special marking acc. to customer needs

Packing unit = 25 pieces

### **1.2 Use of the product**

Organic bonded abrasives used for grinding/cutting of different materials.

### **1.3 Company identification**

**VAERK**

Lemvigh-Müller A/S

Stationsalleen 40, 2730 Herlev

Danmark

Phone: +43 36 95 55 55

E-mail: info@lemu.dk

## **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.

### **2.2 Label elements**

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

### **2.3 Other hazards**

Not known.

## **3. Composition/Information on Ingredients**

The product contains ingredients which are classified according to Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists:

Substance	EC-N°	CAS-N°	REACH Registrierungs- nr.	Concentration	Classification acc. To Regulation (EC)N° 1272/2008 (CLP)	
Potassium- Aluminium- Fluoride	262- 153-1	60304- 36-1			<b>Hazard classes/ hazard categories</b>	<b>Hazard statements</b>
				< 15	Eye irrit. 2 Acute Tox. 4 Lact. STOT RE 1 Aquatic chronic 3	H319 H332 H362 H372 H412

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

Formaldehyd (max. 0,015%) can be part of the raw materials, but not the finished product. After firing, the tool is a consistent resinoid body, it is a whole new substance. The ingredients are not further existent in the original chemical structure. The wheel was produced without addition of fillers containing chlorine (Cl), sulfur (SO<sub>4</sub>), iron (Fe), copper (Cu) and zinc (Zn). Suitable for stainless steel conditioning.

#### 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:	Not harmful effect known.
Ingestion:	Not likely due to the form of the product. If necessary, contact physicians.

Note to physician: Not available.

##### 4.2 Most important symptoms and effects, both acute and delayed.

Not know.

##### 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/m³	ml/m³ (ppm)	Mg/m³	ml/m³ (ppm)		
MAK (A)	Fluoride			2,5		12,5			GKV

Note: Hazardous dust of 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)
<b>9. Physical and Chemical Properties</b> <b>9.1 Physical state:</b> Solid <b>9.2 Colour:</b> Various <b>9.3 Solubility in water:</b> Not applicable
<b>10. Stability and Reactivity</b> <b>10.1 Reactivity</b> Abrasives are stable when handled or stored correctly. <b>10.2 Chemical stability</b> Abrasives are stable when handled or stored correctly. <b>10.3 Possibility of hazardous reactions</b> No dangerous reactions known. <b>10.4 Conditions to avoid</b> No decomposition in normal use. <b>10.5 Incompatible materials</b> No dangerous reactions known. <b>10.6 Hazardous decomposition product</b> At temperatures exceeding 250°C hazardous or toxic decomposition products may be generated.
<b>11. Toxicological Information</b> No toxicological effects if inhaled or swallowed or with eye or skin contact are known. See also section 8.
<b>12. Ecological Information</b> <b>12.1 Toxicity</b> No effect known. <b>12.2 Persistence and degradability</b> No biodegradable potentials known. <b>12.3 Bioaccumulative potential</b> No potntials known. <b>12.4 Mobility in soil</b> No potentials known. <b>12.5 Results of PBT and vPvB assessment</b> Not relevant.

<b>12.6 Other adverse effects</b> No effects known.										
<b>13. Disposal Considerations</b> <b>13.1 Product</b> Follow national and regional regulations. <b>13.2 Packing</b> Follow national and regional regulations.										
<b>14. Transport Information</b> The product is not covered by international regulation on the transport of dangerous goods.										
<b>15. Regulatory Information</b> <b>15.1 Safety, health, and environmental regulations/legislation specific for the product</b> No specific labelling requirements under respective EC directives. <b>15.2 Chemical safety assessment</b> Not relevant.										
<b>16. Other information</b> <b>Changes of the previous versions</b> See section 1 to 16 <b>Literature and data sources.</b>  REACH Regulation (EC) Nr. 1907/2006, amended by Regulation (EC) N° 830/2015.. Regulation (EC) N° 1272/2008, amended by Regulation (EC) N° 669/2018. Directive 2000/39/EG, amended by Directive 2017/164/EC. Transport regulations according to ADR, RID, IMDG and IATA.. TRGS 900  <b>Hazard statements referred to in section 2 and 3</b> <b>Accordin to Regulation (EC) N° 1272/2008:</b>  <table><tr><td>H319</td><td>Causes serious eye irritation.</td></tr><tr><td>H332</td><td>Harmful if inhaled.</td></tr><tr><td>H362</td><td>May cause harm to breast-fed children.</td></tr><tr><td>H372</td><td>Causes damage to organs through prolonged or repeated exposure.</td></tr><tr><td>H412</td><td>Harmful to aquatic life with long lasting effects.</td></tr></table>	H319	Causes serious eye irritation.	H332	Harmful if inhaled.	H362	May cause harm to breast-fed children.	H372	Causes damage to organs through prolonged or repeated exposure.	H412	Harmful to aquatic life with long lasting effects.
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**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.**