



FEDERATION EUROPEENNE DES  
FABRICANTS DE PRODUITS ABRASIFS



Product name: **vitrified cbn/diamond grinding wheel**

Revision: 04 Date 01/02/2023

page 1 of 4

## VOLUNTARY PRODUCT INFORMATION BASED ON THE FORMAT OF A SAFETY DATA SHEET FOR VITRIFIED CBN/DIAMOND GRINDING WHEELS

### 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier:

Vitrified grinding wheel (CBN or Diamond)

#### 1.2 Use of the product

Inorganic bonded superabrasives for the grinding/sanding of different kinds of materials.

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

Company: Molemab S.p.A.

Address: via Provinciale 10 25050 Ome Brescia Italia

Phone: +39 0306859888 Fax: +39 030652010

E-mail: molemab@molemab.com

E-mail of the competent person: sds@molemab.com

#### 1.4 Emergency telephone number:

+39 0306859888

### 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 mixtures 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 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°	Conc. %	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)		REACH Registration N°
				Hazard classes/hazard categories	Hazard statements	
-						

(For full text of H- phrases see section 169)

### 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:** 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.

## EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8. 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)		
	-								

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:

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)



FEDERATION EUROPEENNE DES  
FABRICANTS DE PRODUITS ABRASIFS



Product name: **vitrified cbn/diamond  
grinding wheel**

Revision: 04 Date 01/02/2023

page 3 of 4

- 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:

- Physical state: solid
- Colour: variable
- Solubility in water: n.d.

### 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:** no hazardous decomposition products known.

## 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 and 16.

## 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:

- Product: follow national and regional regulations.

Due to the ingredients and properties disposal as no 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.

## 14. TRANSPORT INFORMATION

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

## 15. REGULATORY INFORMATION



FEDERATION EUROPEENNE DES  
FABRICANTS DE PRODUITS ABRASIFS



Product name: **vitrified cbn/diamond  
grinding wheel**

Revision: 04 Date 01/02/2023

page 4 of 4

**15.1 Safety, health and environmental regulations/legislation specific for the product:** No specific labelling requirements under respective EC directive.

**15.2 Chemical safety assessment:** not relevant

## **16. OTHER INFORMATION**

**16.1 Changes to the previous versions:** see sections 1 to 16

### **16.2 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 and IATA

### **16.3 Hazard statements referred to in section 2 and 3:**

according to Regulation (EC) N° 1272/2008: n.d.

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: Technical Dpt.

Contact: [sds@molemab.com](mailto:sds@molemab.com)