



# Semi-flexible discs

## 1. IDENTIFICATION OF PRODUCT

### 1.1. PRODUCT INFORMATION

Product Type: Semi-flexible discs

Product Range (Available Grits): C16 ~ C80

Backing Material: Flexible red fibre

Bonding: Resin

Grain Type: Silicon carbide grit

Products Form: Disc

Manufactured With: 115mm / 127mm / 178mm / 230mm

### 1.2. USE OF THE PRODUCT

- Coated abrasives for the grinding/sanding of different kinds of materials.
- For sanding marble, granite, terrazzo, concrete, fibreglass, mastic and glue.

### 1.3. AVAILABLE SANDER / GRINDER

Power tools.

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## 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) 1272/2008. See also section 7 and 15.

### 2.2. LABEL ELEMENTS

Abrasives are articles and not dangerous substances or mixtures according to directive 1999/45/EC or regulation (EC) 1272/2008.

### 2.3. OTHER HAZARDS

- Dust may be slightly irritating to eyes and respiratory tract at high concentrations.
- May affect breathing capacity during prolonged use.
- For products containing phenol/formaldehyde resin: dust generated from intended use may contain trace amounts of phenol and formaldehyde which under excessive exposure may cause skin sensitisation and airway obstruction.



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- For products contain inorganic fluorides: Excessive exposure to inorganic fluorides have been shown to increase bone density.

## 3. FIRST AID MEASURES

### 3.1. DESCRIPTION OF FIRST AID MEASURES

**Inhalation:** Remove user to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately.

**Eye contact:** Wash with large amounts of water. Obtain first aid and medical assistance, if needed.

**Skin contact:** Wash affected areas with soap and water. Obtain medical assistance.

**Ingestion:** Call poison control centre, hospital emergency room or physician immediately.

**Note to physician:** Not available.

### 3.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE & DELAYED

Not known.

### 3.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Not relevant. Treat symptomatically.

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## 4. FIRE FIGHTING MEASURES

### 4.1. EXTINGUISHING MEDIA

Water, foam, sand, powder or CO<sub>2</sub> as appropriate for surrounding materials.

### 4.2. SPECIAL HAZARDS ARISING FROM THE PRODUCT

Toxic fumes may occur. Use respiratory protective equipment.

### 4.3. ADVICE FOR FIRE FIGHTERS

Extinguishing materials should be selected according to the surrounding area.

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## 5. ACCIDENTAL RELEASE MEASURES

Not applicable.

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## 6. HANDLING AND STORAGE

- Abrasives should be stored in original packaging until they are used.
  - The ideal storage temperature and the ideal relative humidity range between approximately 18 and 55°Celsius and 45 – 65% respectively.
  - The impact of heat and direct exposure to moisture and/or sunlight must be strictly avoided.
  - Use adequate ventilation for nuisance dust.
  - Follow instructions of sanding/grinding machine manufacturers and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.
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## 7. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 7.1. CONTROL PARAMETERS

Before sanding/grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

Note: Hazardous dust of the workpiece material may be generated during sanding and/or grinding operations. National regulations for dust exposure limit values have to be taken into consideration.

### 7.2. EXPOSURE CONTROLS

#### 7.2.1. Individual protection measures

##### 7.2.1.1. Respiratory protection: Use respiratory protective equipment

(type depends on specific application and material being ground)

##### 7.2.1.2. Hand protection: Wear protective gloves

(type depends on specific application and material being ground)

##### 7.2.1.3. Eye protection: Wear protective goggles or face shield

(type depends on specific application and material being ground)

##### 7.2.1.4. Hearing protection: Use hearing protection

(type depends on specific application and material being ground)



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(type depends on specific application and material being ground)

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## 8. PHYSICAL AND CHEMICAL PROPERTIES

### 8.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

- 8.1.1 Physical state: Solid
- 8.1.2. Colour: Black grit, red backing
- 8.1.3. Solubility in water: Insoluble

### 8.2. OTHER INFORMATION

None.

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## 9. STABILITY AND REACTIVITY

- Avoid acids of all types with a pH < 4.0
  - In use, dust and decomposing odours may be generated. In most cases, the material removed from the workplace will be significantly greater than the sandpaper components.
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## 10. TOXICOLOGICAL INFORMATION

### 10.1. INFORMATION ON TOXICOLOGICAL EFFECTS

- None known or expected when used as directed/intended. See section 7.
  - Vapours from combustion or decomposition may be irritant.
  - At elevated temperatures this product may emit irritant vapours.
  - With chronic use, may cause cancer (tumourigenic) according to animal data. No human data found.
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## 11. ECOLOGICAL INFORMATION

### 11.1. TOXICITY

No effects known.

### 11.2. PERSISTENCE AND BIODEGRADABILITY

No biodegradable potentials known.

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### 11.3. BIOACCUMULATIVE POTENTIAL

No potentials known.

### 11.4. MOBILITY IN SOIL

No potentials known.

### 11.5. RESULTS OF PBT AND vPvB ASSESSMENT

Not relevant.

### 11.6. OTHER ADVERSE EFFECTS

No effects known.

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## 12. DISPOSAL CONSIDERATIONS

### 12.1. WASTE TREATMENT METHODS

#### 12.1.1 PRODUCT

- Dispose of waste in certified landfill in accordance with local regulations and available facilities.
- Follow national or regional regulations.

#### 12.1.2. PACKING

Follow national and regional regulations.

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## 13. TRANSPORT INFORMATION

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

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## 14. REGULATORY INFORMATION

### 14.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE PRODUCT

No specific labelling requirements under respective EC directives.



## **Semi-flexible discs**

**Not relevant.**

### **15. OTHER INFORMATION**

The above information is based on our current 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.

### **LITERATURE AND DATA SOURCES**

Directive (1999/45/EC), amended by Regulation (EC) No. 1907/2006.

Directive (67/548/EEC), amended by Directive 2009/2/EC.

REACH Regulation (EC) Nr. 1907/2006, amended by Regulation (EC) No. 552/2009.

Regulation (EC) No. 1272/2008, amended by Regulation (EC) No. 790/2009.

Directive 2000/39/EC, amended by Directive 2009/161/EC.

Directive 75/324/EEC, amended by Regulation (EC) No. 219/2009

Transport regulations according to ADR, RID and IATA