



**Grey**

## **1. IDENTIFICATION OF PRODUCT**

### **1.1. PRODUCT INFORMATION**

**Product Type:** Grey silicon carbide  
**Product Range (Available Grits):** P180 ~ P400  
**Backing Material:** 100g B weight paper  
**Bonding:** Urea glue, formaldehyde free  
**Grain Type:** Silicon carbide  
**Coating State:** Stearated  
**Products Form:** Sheet / Roll / Disc  
**Manufactured Width:** 1440mm

### **1.2. USE OF THE PRODUCT**

- Coated abrasives for the grinding/sanding of different kinds of materials.
- For sanding wood, metal, varnish, paint, plastic and for keying & finishing all surfaces

### **1.3. AVAILABLE SANDER / GRINDER**

Hand working & 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**

Not known.



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### **3.1. 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 a doctor

**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 CO2 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 44°Celsius and 45 – 65% respectively.
  - The impact of heat and direct exposure to moisture and/or sunlight must be strictly avoided.
  - 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)
  - 7.2.1.5. Body protection: Use protective clothing  
(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: Grey

8.1.3. Solubility in water: Slightly soluble

### 8.2. OTHER INFORMATION

None.

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## 9. STABILITY AND REACTIVITY

### 9.1. REACTIVITY

Coated abrasives are stable when handled or stored correctly.

### 9.2. CHEMICAL STABILITY

No decomposition in normal use.

### 9.3. POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reactions known.

### 9.4. CONDITIONS TO AVOID

Coated abrasives are stable when handled or stored correctly.

### 9.5. INCOMPATIBLE MATERIALS

No dangerous reactions known.

### 9.6. HAZARDOUS DECOMPOSITION PRODUCTS

At temperatures exceeding 250°C hazardous or toxic decomposition products may be generated.

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## 10. TOXICOLOGICAL INFORMATION

### 10.1. INFORMATION ON TOXICOLOGICAL EFFECTS

No toxicological effects if inhaled, swallowed or with eye or skin contact are known.

See section 7.

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## **11. ECOLOGICAL INFORMATION**

### **11.1. TOXICITY**

No effects known,

### **11.2. PERSISTENCE AND BIODEGRADABILITY**

No biodegradable potentials known

### **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**

Follow national and regional regulations.

Due to the ingredients and properties disposal as non-hazardous waste (2000/532/EC) is possible if no hazardous materials are added to the abrasives. (EWC – nr. 120121)

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

No specific labelling requirements under respective EC directives

## **14.2. CHEMICAL SAFETY ASSESSMENT**

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