



Red

1. IDENTIFICATION OF PRODUCT

1.1. PRODUCT INFORMATION

Product Type: Red aluminium oxide
Product Range (Available Grits): P24 ~ P240
Backing Material: 220g E weight flexed paper
Bonding: Resin, formaldehyde free
Grain Type: White aluminum oxide
Products Form: Sheet / Roll / Disc
Manufactured Width: 1420mm

1.2. USE OF THE PRODUCT

- Coated abrasives for the grinding/sanding of different kinds of materials.
- For sanding metal, masonry, ceramics, plastics, hard fillers, enamels and hardwoods.

1.3. AVAILABLE SANDER / GRINDER

Hand working & power tools.

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. FIRST AID MEASURES

3.1. DESCRIPTION OF FIRST AID MEASURES

- 3.1.1. Inhalation: Not possible, due to the form of the product
- 3.1.2. Eye contact: Not possible, due to the form of the product
- 3.1.3. Skin contact: No harmful effects known
- 3.1.4. Ingestion: Not likely, due to the form of the product; if necessary contact a doctor
- 3.1.5. 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.

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.

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 22°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: Red

8.1.3. Solubility in water: Slightly soluble

8.2. OTHER INFORMATION

None.

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.

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.

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).



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12.1.2. PACKING

Follow national and regional regulations.

13. TRANSPORT INFORMATION

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

14. REGULATORY INFORMATION

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