1. Identification of the product and of the company/undertaking

1.1 Product identifier
Coated abrasives supplied in several formats such as discs, sheets, rolls, strips and belts.

1.2 Use of the product
Coated abrasives for the grinding/sanding of different kinds of materials.

1.3 Details of the supplier of the voluntary product information:

Company: INDASA – Indústria de Abrasivos, S. A.
Address: Zona Industrial de Aveiro, Lote 46
          PO BOX 3005
          3801-101 Aveiro - Portugal
Phone: +351 234 303 600       Fax: +351 234 303 601
E-mail: indasa@indasa.pt

1.4 Emergency telephone number:
+351 234 303 600 (available from 8:30 to 18:00 – GMT, from Monday to Friday)

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) Nº 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 directive 1999/45/EC or Regulation (EC) Nº 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:

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<tbody>
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<td></td>
<td></td>
<td>Hazard classes/hazard categories</td>
<td>Hazard statements</td>
</tr>
</tbody>
</table>

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

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

Extinguishing media: water, foam, sand, powder or CO₂ 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)

<table>
<thead>
<tr>
<th>Limit value type (country of origin)</th>
<th>substance</th>
<th>EC-N°</th>
<th>CAS-N°</th>
<th>Occupational limit value</th>
<th>Peak limit</th>
<th>source, remark</th>
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</table>

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

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)

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

9.1.1 Physical state: solid

9.1.2 Colour: several

9.1.3 Solubility in water: none
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
At temperatures exceeding 250°C hazardous or toxic decomposition products may be generated.

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.

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

13.1. 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),

O Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) (EWC – Nr. 120120)

13.2. 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

15.1. Safety, health and environmental regulations/legislation specific for the product

No specific labelling requirements under respective EC directives.

15.2. Chemical safety assessment

Not relevant.
16. Other information

Changes to the previous versions

None.

Literature and data sources

Transport regulations according to ADR, RID und IATA.

Hazard statements referred to in section 2 and 3

According to Regulation (EC) N° 1272/2008:
None.

According to Directive 67/548/EEC:
None.

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: Maria Manuel Santos/ INDASA Pt
Contact: indasa@indasa.pt