



VOLUNTARY PRODUCT INFORMATION

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

1.1 Product identifier

All organic and vitrified bonded cutting and grinding discs, grinding wheels and grinding points both with round standard as well as with X-LOCK bore hole sold under Robert Bosch Power Tool Accessories.

1.2 Use of the product

Relevant identified applications:

Cutting and grinding for different materials:

For instance and not exclusively:

Steel, stainless steel, cast iron, non-ferrous metals, building materials, natural stone – for detailed information see packaging of product.

1.3 Details of the supplier of the voluntary product information:

Robert Bosch Power Tools GmbH

PT/EEI

70538 Stuttgart / GERMANY

www.bosch-pt.com

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 Regulation (EC) Nr. 1272/2008 or for which a community occupational exposure limit value exists:

Substance	EC-No.	CAS-No.	REACH Registration-No.	Conc (%)	Classification acc. to Regulation (EC) No. 1272/2008 (CLP)	
					Hazard classes / hazard categories	Hazard statements

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

4. First aid measures

See also section 8 and 16 of this voluntary product information.

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 firefighters

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 relevant national regulations. In addition, observe the safety recommendations of manufacturer.

8. Exposure controls / personal protection

8.1 Control parameter

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 value.s

Keep exposure to the following components under surveillance.
(Observe also the regional official regulations)

Limit value type (country of origin)	Substance	EC-Nr.	CAS-NO..	Occupational limit value				Peak limit	Source, remark
				Long term		Short term			
				mg/m ³	ml/m ³ (ppm)	mg/m ³	ml/m ³ (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

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

- a) Physical state: solid
- b) Colour: various
- c) Solubility in water: Insoluble

9.2 Other information

None.

10. Stability and reactivity

10.1 Reactivity

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

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 Incompatible materials

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

13.1.1 Product

Follow national and regional regulations.

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- o 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).

13.1.2 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/legislations specific for the product

No specific labelling requirements under respective EC directives.

15.2 Chemical safety assessment

Not relevant.



16. Other informations

Further informationen

EN 12413

EN safety tests are performed under supervision of Bosch engineering located in Switzerland to ensure compliance with EN 12413 to Bosch customers. The fulfillment of these safety requirements is confirmed by bringing the EN 12413 onto the product respectively packaging.

In addition to requested safety tests of EN12413, extended lifetime tests are performed under supervision of Bosch engineering department to ensure safety during lifetime of product.
The X-LOCK bore hole I also covered by the scope of the EN 12413.

oSa certification

oSa certification is indicated on label or packaging, if applicable.

EAC certification

EAC certification is indicated on label, packaging and in instruction manual, if applicable.

Changes to the previous versions

See sections 1 to 16.

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 und IATA.

Hazard statements referred to in section 2 and 3

According to Regulation (EC) N° 1272/2008:

The above information is based on our current standard of knowledge, does not constitute any warranty of conditions of the product, and shall be used only as a guide. The information does not form part of any contractual agreement, relates only to the product designated herein, and does not relate to its use in combination with any other material or process. It remains the user's responsibility to adhere existing laws and regulations.

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