

Safety Data Sheet

according to Ordinance (EC) No. 1907/2006

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

Trade name: TRIMFIX® ZIRCOPUR® elastic flap disc

Supplier: Gerd Eisenblätter GmbH

Jeschkenstraße 12d
82538 Geretsried
Phone: + 49 (0) 8171 / 9082 - 010

Emergencies: +49 (0) 8171 / 9082 - 010

2. Hazards identification

2.1. Classification

Not applicable.

Abrasives are articles and not dangerous substances or mixtures according to 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 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 Regulation (EC) No. 1272/2008 or for which a community occupational exposure limit value exists:

Substance	EC-No.	CAS-No.	Conc. (%)	Classification (acc. to SEA)
Cloth	-	-	30-35	-
Aluminium oxide	215-691-6	1344-28-1	15-20	-
Zirconium	215-227-2	1314-23-4	10-15	-
Resine			15-20	Acute tox. 4 ; H302 Skin corr. 1B; H314 Muta, Cat. 2 ; H341 Chronic Aq. Tox. (Cat. 3); H412 Carc. 1B ; H315 Acute tox. 4 ; H302+H312+H332 Skin Sens. 1; H317 STOT RE 2; H373

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Substance	EC-No.	CAS-No.	Conc. (%)	Classification (acc. to SEA)
Meg	203-473-3	107-21-1	1	Acute tox. 4, H302
Calsite (CaCO ₃)	215-279-6	1317-65-3	10-13	-
Cryolite	237-410-6	13775-53-6	1-8	Acute tox. 4, H332 STOT RE 1, H372 Chronic aquatic 2, H411
Pigment			1	Skin Irrit. 2; H315 Eye Irrit. 2; H319

4. First aid measures

4.1. Description of first aid measures

Inhalation: Not possible, due to the form of the product.

Skin contact: No harmful effects known.

Eye contact: Not possible, due to the form of the product.

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.

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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.

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

Physical state: solid

Colour: not applicable

Solubility in water: not relevant (article)

9.2. Other information

None.

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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 decompositions 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.

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 potentials known.

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13. Disposal considerations

13.1. Waste treatment methods

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 the abrasives. (EWC - Nr. 120121),
- ☐ 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: 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.

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Hazard statements referred to in section 2 and 3

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

H302 Harmful if swallowed

H302+H312+H332 Harmfull if swallowed, contact with skin and inhaled

H314 Causes severe skin burns and eye damage

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

H332 Harmful if inhaled

H341 Suspected of causing genetic defects

H350 May cause cancer

H372 May cause damage to organs (state all organs affected, if known) through prolonged or repeated exposure

H373 May cause damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)

Toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects

H412 Harmfull to aquatic life with long lasting effects

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.