

SAFETY DATA SHEET

The regulation about dangerous substances and mixtures classification, packaging and labelling
(Official Newspaper # 29204 and dated December 13, 2014)

Z-SOLID FLAP DISC

Publication Date : March 2005
Revision Date : December 2018
Revision : 02

SDS No : 062
Page No : 1 / 6

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Z-SOLID FLAP DISC

1.2 Use of the product

Metal, Stainless steel surface grinding

1.3 Details of the supplier of the voluntary product information:

Company: Weldcote Abrasives

Address : 7720 Lehigh Ave, Niles, IL 60714 USA

Phone: 224-998-2600 Fax: 224-998-2649

E-mail: ordersniles@weldcotemetals.com

National contact: Daniel Ramirez/ Operations Manager 224-998-2603

1.4 Emergency telephone number:

224-998-2600

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.

SAFETY DATA SHEET

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Z-SOLID FLAP DISC

Publication Date : March 2005

SDS No : 062

Revision Date : December 2018

Page No : 2 / 6

Revision : 02

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 name	CAS No	EINECS No	%C	Classification (according to SEA)
Cloth	-	-	30-35	-
Aluminium oxide	1344-28-1	215-691-6	15-20	-
Zirconium	1314-23-4	215-227-2	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
Meg	107-21-1	203-473-3	1	Acute tox. 4, H302
Calsite (CaCO ₃)	1317-65-3	215-279-6	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

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.

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Z-SOLID FLAP DISC

Publication Date : March 2005

SDS No : 062

Revision Date : December 2018

Page No : 3 / 6

Revision : 02

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.

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

SAFETY DATA SHEET

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Z-SOLID FLAP DISC

Publication Date : March 2005

SDS No : 062

Revision Date : December 2018

Page No : 4 / 6

Revision : 02

(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 : blue
- c) Solubility in water : insoluble

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.

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Z-SOLID FLAP DISC

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SDS No : 062

Revision Date : December 2018

Page No : 5 / 6

Revision : 02

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),

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.

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SDS No : 062

Revision Date : December 2018

Page No : 6 / 6

Revision : 02

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.

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)
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.

Update :

First prepared in 2005 and revised in 2018

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