



FEDERATION EUROPEENNE DES
FABRICANTS DE PRODUITS ABRASIFS



WEILER ABRASIVES d.o.o.
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Voluntary product information based on a safety data sheet for organic bonded abrasives

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

1.1 Product identifier: Resin bonded grinding and cutting-off wheels with Aluminium oxide

1.2 Use of the product: For grinding and cutting.

1.3 Details of the supplier of the voluntary product information:

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1.4 Emergency telephone number: In case of accident, seek to your personal medical man.

2. HAZARDS IDENTIFICATION

2.1. Classification: Not applicable.

Abrasives are products 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 products and not dangerous substances or mixtures and therefore no labelling is required according to Regulation (EC) N° 1272/2008.

2.3. Other hazards: During grinding do not inhale dust.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical Characterization: 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-N°	CAS-N°	REACH Registration N°	Conc.	Classification acc. to Regulation (EC) N° 1272/2008 (CLP)	
					Hazard classes/ hazard categories	Hazard statements
Aluminium oxide	215-691-6	1344-28-1		> 65 %		
Iron sulphide	215-268-6	1317-37-9		<5%		
Cryolite=sodium aluminium fluoride (thermally cured)	237-410-6	13775-53-6		0-10%	STOT RE 1 Acute Tox. 4 Lact. Aquatic Chronic 2	H372 H332 H362 H411
Aluminum potassium fluoride (thermally cured)	262-153-1	60304-36-1		< 1 %	Acute Tox. 4 Eye Irrit. 2 Lact. STOT RE 1 Aquatic Chronic 3	H332 H319 H362 H372 H412
Phenol resin (thermally cured)		9002-35-4		< 18 %		

3.2 Additional information: For full text of H-phrases see section 16.

4. FIRST-AID MEASURES

4.1. Description of first aid measures

Inhalation: Not possible, when in the form of a product. During grinding dust may cause coughing, shortness of breath, in this case move the person to fresh air. Apply artificial respiration if needed. Obtain first aid or medical assistance.

Eye contact: Not possible, when in the form of a product. During grinding dust may irritate eyes. Wash with large amounts of water and obtain medical assistance if needed.

Skin contact: No known harmful effects.

Ingestion: Not likely, when in the form of a product; if necessary contact physician. No special precautions.

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 Suitable 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.

5.4 Protective equipment: Wear full protective suit and breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES



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- 6.1 Personal precautions:** During grinding do not inhale dust. See also item 8.
- 6.2 Environmental precautions:** Do not discard into environment.
- 6.3 Methods for cleaning up / picking up:** Pick up mechanically. Dispose according to item 13.

7. HANDLING AND STORAGE

7.1 Handling:

Special technical measures are not necessary. When is used and handled according to specification, the product does not have any harmful effects, according to our experience and the information provided to us. Handle with adequate ventilation for dust.

7.2 Storage:

Store in a dry place.

Recommendation: Follow instructions of grinding machine manufacturers and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer. See FEPA regulations -Safety Code-European Safety Regulation for correct using of wheels.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1. Control parameters:** Before grinding it is recommended to perform a risk assesment 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)

Limit values= according to legislation

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:

- Individual protection measures
- Respiratory protection: Use respiratory protective equipment (*)
 - Hand protection: Wear protective gloves (*)
 - Eye protection: Wear protective goggles or face shield (*)
 - Hearing protection: Use hearing protection (*)
 - 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:** Different.
- Form:** Different.
- Solubility in water:** No.

9.2. Other information:

None.

10. STABILITY AND REACTIVITY

- 10.1 Stability:** Stable if handled and stored according to specifications. See also item 7.
- 10.2 Conditions to be avoided:** See item 7. The products are stable when handled or stored correctly. Protect from atmospheric moisture of water.
- 10.3 Possibility of hazardous reactions:** No dangerous reactions known.
- 10.4 Hazardous decomposition products:** At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated.
- 10.5. Incompatible materials:** No dangerous reactions known.

11. TOXICOLOGICAL INFORMATION

- 11.1. Information on toxicological effects:** When are used and handled according to specifications, the products do not have any harmful effects according to our experience and the information provided to us. 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. Bio accumulative potential:** No potentials known.
- 12.4. Mobility in soil:** No potentials known.



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12.5. Results of PBT and vPvB assessment: Not relevant.

12.6. Other adverse effects: No effects known.

13. DISPOSAL CONSIDERATION

13.1. Waste treatment methods

Product: Follow national and regional regulations.

Abrasive tools include also particles of the filled material; therefore, referring to information provided in the material safety data sheet is necessary.

- 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*)

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

During the last years WEILER ABRASIVES d.o.o. provided information on our abrasive products on a voluntary basis in the format of a safety data sheet.

Under the REACH Regulation the status and importance of the safety data sheet has changed. Safety data sheets are documents with a legally defined scope which have to fulfill certain requirements related to the format and content (Annex II of the REACH Regulation). Following the REACH Regulation the communication of important information via Safety Data Sheets (SDS) is only foreseen for substances and mixtures. For articles a safety data sheet is not foreseen under REACH.

Abrasive products meet the criteria of articles according to REACH with exemption of polishes and pastes which are defined as mixtures or substances. Consequently no safety data sheets have to be provided by abrasive producers for most of their products.

However, many customers of the abrasive industry are used to the format and structure of a safety data sheet and prefer the communication of information on abrasive products in this form.

Therefore the abrasive industry decided to continue to provide this voluntary information on a safe use and handling of abrasives in form of a

“Voluntary Product Information (VPI) based on the format of a safety data sheet”.

This voluntary product information follows the general structure of an SDS (16 sections). But as certain sub headings are not relevant due to the article status of abrasives these are not included.

Please be aware that the provision of these documents is a voluntary service. There is no requirement for the abrasive industry to provide this document.

We hope that this decision of the abrasive industry is in line with your internal quality requirements.

If you have any questions please do not hesitate to contact us.

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.

The product does not contain:

1. lead (Pb), hexavalent chromium (Cr(VI)), cadmium (Cd), mercury (Hg), polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), according to RoHS directive 2002/95/EC.
2. substances according to the list of restrictions,
3. Substances according to REACH candidate- list (List for substances of very high concern, SVHC),
4. Quartz powder and substances which can provoke silicosis, Silicone, Barium sulfate, Pesticides, Nano materials, Metallic ingredients (elemental metals), Elemental sulphur, Chloride.

Literature and data sources:



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REACH Regulation (EC) Nr. 1907/2006, amended by Regulation (EC) N° 552/2009.
Regulation (EC) N° 1272/2008, amended by Regulation (EC) N° 790/2009.
Directive 2000/39/EG, amended by Directive 2009/161/EC
Directive 75/324/EWG, amended by Regulation (EC) N° 219/2009.
Transport regulations according to ADR, RID und IATA.

Hazard statements referred to in section 2 and 3: There are no hazard statements. Dangerous substances, if there are, are cured and bound in the structure. As such, it has no hazardous effects on human health and the environment.

Additional Information: To obtain further information see section 1.

Changes in the revised edition: Document has been changed at all points in order to comply with current legislation (amending Annex II to Regulation 1907/2006 (REACH) and Regulation 1272/2008 (CLP)) and eliminates and replaces any preceding release.