



FEDERATION EUROPEENNE
DES FABRICANTS DE
PRODUITS ABRASIFS

metabo[®]

Safety Data Sheet
Reference: 6.24138
Revision: 14.07.2009
Printing date: 14.07.2009
page 1 of 4

MATERIAL SAFETY DATA SHEET FOR ORGANIC BONDED ABRASIVES

1. Identification of Product and Company:

1.1 Product Name:

Abrasives

METABO Order No. 6.24138

1.2 Application

Abrasives for industrial and professional application.

1.3 Company identification:

Company: Metabowerke GmbH

Address: Metabo-Allee 1 Telefon: 0049 7022 72 2401

D-72622 Nürtingen Fax: 0049 7022 72 2897

E-mail: HStreicher@metabo.de

2. Composition/Information on Ingredients

The product contains the following marking required ingredients as per 67/548 EEC and 99/45 EC

	Name	CAS	EC Nr. (ELINCS/EINECS)	Concentration area	Classification
	cyrolite = Sodium aluminium fluoride	15096-52-3	239-148-8	1-8%	T, N R20/22-R48/23/25-R51/53

3. Hazards Identification

Not applicable

Abrasives are not dangerous substances or preparations as defined in EC directive N° 99/45.
See also section 8 and 16.

4. First Aid Measures

See also section 8 and 16

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

Note to physician: not available

5. Fire Fighting Measures

Toxic fumes may occur. Use respiratory protective equipment.

Extinguishing Media: water, foam, sand, powder or CO₂ as appropriate for surrounding materials



FEDERATION EUROPEENNE
DES FABRICANTS DE
PRODUITS ABRASIFS

metabo[®]

Safety Data Sheet
Reference: 6.24138
Revision: 14.07.2009
Printing date: 14.07.2009
page 2 of 4

6. Accidental release measures

Not applicable.

7. Handling and Storage

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

8. Exposure Controls / Personal Protection

Before grinding it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

8.1. Occupational exposure limit values and/or biological limit values

Keep exposure of the following components under surveillance

(Observe also the national and regional official regulations)

	Name	CAS	Specification	Concentration limits (daily average value)
	Cyrolite	15096-52-3	2000/39/EC	2.5 mg/m ³ fluoride (as F)

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. Occupational exposure controls

8.2.1.1. Respiratory protection: Use respiratory 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 Physical state: solid
9.2 Colour:
9.3 Solubility in water:

10. Stability and Reactivity



FEDERATION EUROPEENNE
DES FABRICANTS DE
PRODUITS ABRASIFS

metabo[®]

Safety Data Sheet

Reference: 6.24138

Revision: 14.07.2009

Printing date: 14.07.2009

page 3 of 4

Stability

Bonded Abrasives are stable when handled or stored correctly

Reactivity

10.1 Conditions to avoid:

No decomposition in normal use.

10.2 Materials to avoid:

No dangerous reactions known.

10.3 Hazardous decomposition products:

At temperatures exceeding 250° C hazardous or toxic decomposition products may be generated

11. Toxicological Information

No toxicological effects if inhaled or swallowed or with eye or skin contact are known.

See also section 8.

12. Ecological Information

12.1 Ecotoxicity:

no effects known

12.2 Mobility:

no potentials known

12.3 Persistence and degradability:

no biodegradable potentials known

12.4 Bioaccumulative potential:

no potentials known

12.5 Other hazardous effects:

no effects known

13. Disposal Considerations

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

No specific labelling requirements under respective EC directives



FEDERATION EUROPEENNE
DES FABRICANTS DE
PRODUITS ABRASIFS

metabo[®]

Safety Data Sheet

Reference: 6.24138

Revision: 14.07.2009

Printing date: 14.07.2009

page 4 of 4

16. Other Information

R36: irritating to eyes.

R20/22: harmful by inhalation and if swallowed

R48/23/25: toxic: danger if serious damage to health by prolonged exposure through inhalation and if swallowed

R51/53: toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Changes: Complete Revision of MSDS.

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: Q-L

Contact: Harald Streicher