

Safety Data Sheet



according to (EG) No 1907/2006 (REACH)

revised: 2013-02-22

1 . Identification of the substance/preparation/company/undertaking

- 1.1 Product name: **Abrasive strips**
- Order No: 0 401 511 to 0 401 539
Use of the product: Coated abrasives for the grinding / sanding of different kinds of materials.
- 1.2 Supplier: joke Technology GmbH
Asselborner Weg 14-16
51429 Bergisch Gladbach
Germany
- Telephone: +49 (0) 2204 839-0
Telefax: +49 (0) 2204 839-60
- 1.3 Advice: Jürgen Meyer
Telephone: +49 (0) 2204 839-66
Telefax: +49 (0) 2204 839-60
E-Mail: j.meyer@joke.de
- 1.4 EMERGENCY TELEPHONE NO: Vergiftungs-Informationen-Zentrale Freiburg

Telephone: +49 (0) 761 19240

2 . Hazards identification

- 2.1 Classification: Not applicable
Abrasives are articles and not dangerous substances or mixtures according to directive 1999/45/EC or 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 directive 1999/45/EC or Regulation (EC) N° 1272/2008.
- 2.3. Other hazards: Not known.

3. Composition/ information on ingredients

3.1 The products contain the following ingredients which are classified according to 67/548/EEC or Regulation (EC) N°. 1272/2008 or for which a community occupational exposure limit value exists:

Sub-stance	E G - N°	C A S - N°	REACH Registration N°	Conc. (%)	Classification acc. to Regulation (EG) N°. 1272/2008 (CLP)		Classification acc. to Directive 67/548/EWG
					Hazard-classes/ hazard-categories	Hazard-statements	

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

4. First-aid measures

See also section 8 and 16.

4.1 Description of first aid measures

Inhalation:	Not possible, due to the form of the products.
Eye contact:	Not possible, due to the form of the products.
Skin contact:	No harmful effects known
Ingestion:	Not likely, due to the form of the products; 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 products: 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

- 7.1 Handling: Follow instructions of grinding machine manufacturers and the relevant national regulations. In addition, observe the safety recommendations of the manufacturer.
- 7.2 storage: Store abrasives in dry, frost-free conditions avoiding wide variations in temperature. Ensure they are properly protected and supported to prevent damage and distortion.
- Coated abrasives should be stored at 18-22 °C, 45-65 % relative humidity.

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.

Occupational exposure limit values and/or biological limit values. Keep exposure to the following components under surveillance. (Observe also the regional official regulations.)

Limit value type (country of origin)	s u b s - t a n c e	E G - N r °	C A S - N °	Occupational limit value				P e a k l i m i t	s o u r c e , r e m a r k
				Long term mg/m ³	ml/m ³ (ppm)	Short term 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.

Safety data sheet • Abrasive strips



according to (EG) No 1907/2006 (REACH) • revised: 2013-02-22 • page 4 to 6

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

- 9.1.1 Physical state: solid
- 9.1.2 Colour: according to the type of product
- 9.1.3 Solubility in water: not measured

- 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

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. Product:	Follow national and regional regulations.
X:	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).
O:	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 products are 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 products:	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

Directive (1999/45/EC), amended by Regulation (EC) N°. 1907/2006.

Directive (67/548/EWG), amended by Directive 2009/2/EC.

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

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

none

According to Directive 67/548/EWC:

none

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.