

1 PRODUCT AND COMPANY IDENTIFICATION**1.1 Product details**

Trade name: Flexible Polishers
Part-Nr.:

1.2 Particulars of manufacturer/ supplier

Manufacturer/ supplier HAGER & MEISINGER GMBH
Address: Hansemanstr.10 / Postfach 210 355
Country code/ postcode/ city: D-41429 Neuss
Telephone: +49 2131 2012 0
Telefax: +49 2131 2012 223
Competent department: Quality assurance
Telephone: int. 184
Telefax:
Emergency contact/ emergency phone:

2 POSSIBLE HAZARDS**No hazards statements or R-Phrases**

- 2.1 For the user:** Breakdown of silicon carbide during use will result in dust and has little adverse effects on lungs.
Respirable dust may cause chronic lung injury.

2.2 Hazard identification:

Provided that the standard safety precautions for small rotary polishers and the general accident prevention precautions are observed and the personal protection outfit is used correctly, no particular hazards are known.

3 COMPOSITION/ INFORMATION ON COMPONENTS

- 3.1 Ingredients:** Silicon carbide

3.2 Hazardous components

If used properly and according to current knowledge, it is not expected that the components of this product will represent a hazard.
Marking:none

4 FIRST-AID MEASURES

- 4.1 Inhalation:** Over exposure: Remove to fresh air and contact physician if necessary.
- 4.2 After inhalation:**
Fresh air, under normal circumstances no further measures are required. Should symptoms persist, consult a doctor.
- 4.3 After skin contact:**
In case of allergic reaction, use protective gloves and special skin protection salve.
- 4.4 After eye contact:**
Rinse thoroughly with water , then consult an eye specialist immediately.
- 4.5 After ingestion:**
consult a doctor
- 4.6 Hints for doctors:**

5 FIRE-FIGHTING MEASURES

- 5.1 Extinguisher method:** CO₂, dry chemical, foam
- 5.2 Extinguishing media unsuitable for safety reasons:**
- 5.3 Special equipment for fire-fighting:** Fire protective cloth, safety goggles and dust mask.
- 5.4 Special protection outfit:**

6 MEASURES FOR ACCIDENTAL RELEASE

- 6.1 Personal precautions:**
- 6.2 Environmental precautions:**
no negative ecological effects known
- 6.3 Methods for cleaning/ disposal:**
- 6.4 Additional hints:**

7 HANDLING AND STORAGE**7.1 Handling:**

Hints for safe use: Use in accordance with instructions for rotating speed.
Precautions for safe handling: Use dust-respirator
Eye protection: protective glasses
Hand protection: protective gloves in case of regular, prolonged or intense skin contact
Respiratory protection: machine suction of the grinding dust

7.2 Storage

Storage conditions for warehouse and containers: Take measures against mechanical damage.
Store in a dry place.
Hints for storage with other goods: Do not store in one place with oxidizing agents.
Storage class: not applicable
Storage stability: if possible, at temperatures between + 5 ° C and + 50 ° C

8 EXPOSURE LIMITS AND PERSONAL PROTECTION OUTFIT**8.1 Additional hints for the design of technical plants****8.2 Components with limits as to work area which must be monitored**

Note: Observe the general accident prevention regulations, especially concerning the circumferential speed respectively the maximum permissible speed of rotation for flexible Polishers.

8.3 Personal protection outfit

General safety and hygiene measures: Persons with a predisposition for wheel swarf allergies should avoid regular, long, intensive skin contact; if necessary wear protective clothing, ensure adequate skin cleaning and care measures are taken. Do not eat, drink, smoke or take snuff when working.

Respiratory protection: Use a dust suction machine.

Hand protection: Provided that safety regulations permit this, in case of intense skin contact we recommend wearing protective gloves made of suitable plastic or synthetic rubber, otherwise apply a special skin protection salve.

Eye protection: tightly-fitting protective glasses

Body protection: Clean and care for the skin after work.

9 PHYSICAL AND CHEMICAL PROPERTIES

- 9.1.1 Form: Various
9.1.2 Colour: Various
9.1.3 Odour: none
- 9.2 Flammability:
- 9.3 Melting temperature: ° C
- 9.4 Spontaneous combustion: none
- 9.5 Risk of explosion: none
- 9.6 Explosion limits: Lower: Upper:
- 9.7 Density (T = 15° C):
- 9.8 Solubility in water (T = 20° C): insoluble
- 9.9 pH-value: not applicable
- 9.10 Viscosity: not applicable
- 9.11 Others:

10 STABILITY AND REACTIVITY

- 10.1 Conditions to avoid:
- 10.2 Materials to avoid:
- 10.3 Hazardous decomposition products:
- 10.4 Further details:

11 INFORMATION ON TOXICOLOGY

- 11.1 Acute toxicity:
Specific symptoms in animal tests: no data available
Primary irritant effect: no data available
- 11.2 Subacute/ chronic toxicity
Long-terms tests: no data available
Experience with humans: no data available
- 11.3 Additional toxicological hints:

12 INFORMATION ON ECOLOGY

n/A

13 DISPOSAL considerations:

- 13.1 Material: dispose in accordance with local, state and federal regulations.
- 13.2 Packaging

14 TRANSPORT REGULATIONS N/A**15 REGULATORY information:**

	Safety Data Sheet Acc. to Regulation 1907/2006 (REACH) Meisinger-SDS: Flexible Polishers (englisch)	Issue 02 dated 23.08.2011 Printed on: 23.08.2011 Page 4 of 4
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16 Other information:

The information given herein is based on the present state of our knowledge. It is intended to describe our product with regard to safety requirements and is not meant to assure any specific product properties.

Handling of product exclusively by dental specialists according to instructions for use.

Material Safety Data Sheet according Directive 91/155 EEC

Some of the information presented and conclusions drawn herein are from sources other than direct test-data on the product itself.

The contents and format of this MSDS are in accordance with EEC Commission Directive 941/155/EEC.

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The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

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N/A: Not applicable