

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 20.03.2008

Version 5

Revision: 07.03.2008

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

- Product details

- Trade name: Plastic Media:
RKX, RKX/F, RKX/F1, TP 1000, TP 1001

- Application of the substance / the preparation Grinding media for vibro-finishing

- Manufacturer/Supplier:

Rösler Oberflächentechnik GmbH
Hausen 1
D-96231 Bad Staffelstein

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Fax : +49/9533/924-300
info@rosler.com
www.rosler.com

- Further information obtainable from: Department of Product Control / E-Mail: msds@rosler.com

- Information in case of emergency:

Emergency number in case of toxication: University Hospital of Mainz +49 (0) 6131 - 19240
(information in German and English language)

2 Hazards identification

- Hazard description: Not applicable.

- Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

- Chemical characterization

- Description: Inorganic abrasive material, bonded in polyester-resin, completely cured.

- Dangerous components: Void

4 First-aid measures

- General information: No special measures required.

- After inhalation: Supply fresh air; consult doctor in case of complaints.

- After skin contact: Generally the product does not irritate the skin.

- After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- After swallowing: If symptoms persist consult doctor.

5 Fire-fighting measures

- Suitable extinguishing agents:

Product will not burn.

Use fire extinguishing methods suitable to surrounding conditions.

- Protective equipment: Wear self-contained respiratory protective device.

- Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:**
Pick up mechanically.
Send for recovery or disposal in suitable receptacles.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Prevent formation of dust.
No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Store in dry conditions.
The product is unlimited storable.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:**
No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not necessary in case of intended use.
- **Protection of hands:** Not required.
- **Eye protection:** Not required.
- **Body protection:** Protective work clothing

9 Physical and chemical properties

- General Information

Form:	Solid in various forms
Colour:	Different according to colouring
Odour:	Characteristic

- Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

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- **Flash point:** Not applicable.
- **Self-igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density at 20°C:** ~ 1,5 - 1,8 g/cm³
- **Solubility in / Miscibility with water:** Insoluble.
- **pH-value:** Not applicable
- **Viscosity:**
Dynamic: Not applicable

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.
- **Dangerous reactions** No dangerous reactions in case of intended use.
- **Dangerous decomposition products:** None in case of intended use and storage.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
 - **on the skin:** No irritant effect.
 - **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information

- **General notes:** Avoid transfer into the environment.

13 Disposal considerations

- **Product:**
- **Recommendation**
Smaller quantities can be disposed of with household waste.

- European waste catalogue

12 01 21	spent grinding bodies and grinding materials other than those mentioned in 12 01 20
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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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14 Transport information

- Land transport ADR/RID (cross-border)
 - ADR/RID class: -

 - Maritime transport IMDG:
 - IMDG Class: -

 - Air transport ICAO-TI and IATA-DGR:
 - ICAO/IATA Class: -

 - Transport/Additional information: Not dangerous according to the above specifications.
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15 Regulatory information

- Labelling according to EU guidelines:
Observe the general safety regulations when handling chemicals.
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Existing laws and regulations have to be observed by the receiver on its own responsibility.

- Department issuing MSDS: Department of Product Control
 - Contact: Mr. A. Förtsch / Ms. A. Hoffmann
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