

## Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 04/17/2008

Version 8

Reviewed on 03/07/2008

### 1 Identification of substance

- **Product details**

- **Trade name: Ceramic Media:**

**RA, RAH, RCB, RF, RM, RMM, RMN, RPM, RS, RSA, RSA/3, RSA/9, RSM, RSN, RSG, RSD, RSX, RSS, RMB/D1, RMB/S, RXF, RX, RXX, RXXD, RSF, RMA, RSC, RMB, RSK, TP 710, TP 720, TP 918/3**

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

- **Manufacturer/Supplier:**

Rösler Metal Finishing USA, L.L.C.  
1551 Denso Road  
Battle Creek, MI 49015  
USA

Phone: +1(269)441-3000  
Fax: +1(269)441-3001  
info@roslerusa.com  
www.roslerusa.com

- **Emergency information:**

Emergency Number (24h emergency contact): CHEMTREC Phone: (800)-424-9300

### 2 Composition/Data on components

- **Chemical characterization**

- **Description:** Ceramic bonded inorganic abrasive material.

- **Dangerous components:** None

- **Additional information:** None of the components is present in its original form, but as bonded material.

### 3 Hazards identification

- **Hazard description:** Not applicable.

- **Information pertaining to particular dangers for man and environment:**

The product does not have to be labelled due to the calculation procedure of international guidelines.

- **Classification system:**

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- **NFPA ratings (scale 0 - 4)**



Health = 0

Fire = 0

Reactivity = 0

- **HMSI-ratings (scale 0 - 4)**



Health = 0

Fire = 0

Reactivity = 0

### 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.

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- **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.
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### **5 Fire fighting measures**

- **Suitable extinguishing agents:**  
Product will not burn.  
Use fire fighting measures that suit the environment.
  - **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.
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### **7 Handling and storage**

- **Handling:**
  - **Information for safe handling:**  
Prevent formation of dust.  
No special precautions are necessary if used correctly.
  - **Information about protection against explosions and fires:** 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 and personal protection**

- **Additional information about design of technical systems:** No further data; see item 7.
  
  - **Components 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 that were valid during the creation were used as basis.
  
  - **Personal protective equipment:**
  - **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
  - **Breathing equipment:** Not necessary in case of intended use.
  - **Protection of hands:** Not required.
  - **Eye protection:** Not required.
  - **Body protection:** Protective work clothing
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### 9 Physical and chemical properties

**- General Information**

**Form:** Solid in various forms  
**Color:** Various  
**Odor:** Characteristic

**- Change in condition**

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

**- Flash point:** Not applicable.

**- Auto igniting:** Product is not selfigniting.

**- Danger of explosion:** Product does not present an explosion hazard.

**- Density at 20°C (68°F):** ~ 2.3 - 3.6 g/cm<sup>3</sup>

**- Solubility in / Miscibility with Water:** Insoluble.

**- pH-value:** Not applicable

**- Viscosity:**  
**Dynamic:** Not applicable

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### 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 products of decomposition:** None in case of intended use and storage.

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### 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 internally approved calculation methods for preparations:  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

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### 12 Ecological information

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

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### 13 Disposal considerations

- **Product:**
- **Recommendation:** Dispose of in accordance with all applicable federal, state and local regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **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.

### 15 Regulations

- Sara

<b>- Section 355 (extremely hazardous substances):</b>	
None of the ingredient is listed.	
<b>- Section 313 (Specific toxic chemical listings):</b>	
1344-28-1	aluminium oxide
<b>- TSCA (Toxic Substances Control Act):</b>	
All ingredients are listed.	
<b>- Proposition 65</b>	
<b>- Chemicals known to cause cancer:</b>	
None of the ingredients is listed.	
<b>- Chemicals known to cause reproductive toxicity for females:</b>	
None of the ingredients is listed.	
<b>- Chemicals known to cause reproductive toxicity for males:</b>	
None of the ingredients is listed.	
<b>- Chemicals known to cause developmental toxicity:</b>	
None of the ingredients is listed.	
<b>- Cancerogenity categories</b>	
<b>- EPA (Environmental Protection Agency)</b>	
None of the ingredients is listed.	
<b>- IARC (International Agency for Research on Cancer)</b>	
14808-60-7	Quartz (SiO <sub>2</sub> ) 1

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<b>- NTP (National Toxicology Program)</b>		
14808-60-7	Quartz (SiO <sub>2</sub> )	K
<b>- TLV (Threshold Limit Value established by ACGIH)</b>		
14808-60-7	Quartz (SiO <sub>2</sub> )	A2
1332-58-7	kaolin	A4
1344-28-1	aluminium oxide	A4
<b>- NIOSH-Ca (National Institute for Occupational Safety and Health)</b>		
14808-60-7	Quartz (SiO <sub>2</sub> )	
<b>- OSHA-Ca (Occupational Safety &amp; Health Administration)</b>		
None of the ingredients is listed.		

**- Product related hazard informations:**

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations according to directives on hazardous materials.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee or warranty for any specific product features and shall not establish a legally valid contractual relationship. The user is responsible for determining whether the product is suitable for its intended conditions of use.

**- Department issuing MSDS:** Department of Product Control

**- Contact:** MSDS Coordinator