

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 12/16/2008

Version 8

Reviewed on 12/16/2008

1 Identification of substance

- **Product details**

- **Trade name: Plastic Media:**

1000, # 1050, # 1050 ND, # 2000, # 2000 ND, # 2000 M1, # 2050, # 3271, # 4000, # 4000 M1, # 4000 M2, # 4000 M3, # 4000 M4, D10, HR90, HR100, RKF, RKF/O, RKM, RKM-U, RKD, RPE, RKK, RKB/H, RKB/W, RKB/W-U, RKB/W1, RKB/W2, RKB/W21, RKB/W3, RKB/W4, RKB/W43, RKB/W3I, RKMI, RKM2, RKMST, TP 94, TP 94I, RPE-TP95, RKV, RKG, RKG1, RKG2, RKFZ, RPE/D, RKS/G1, RKS/G2, RKS/G3, R96, R96/1, RKB/WH, RPG, RPP, RPDP, TP 38I, TP 38/2, TP 150, TP 110, TP 110/2I, RKF/B, TP 38/1, TPUSA 1070/2, Ultima 1, Ultima 2, Ultima 3, WPBC, WPPP, WPSF

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

- **Dangerous components:** Void

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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USA

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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.

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.

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 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.

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- **Eye protection:** Not required.
- **Body protection:** Protective work clothing

9 Physical and chemical properties

- General Information

Form: Solid in various forms
Color: Different according to coloring
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):** ~ 1.5 - 1.8 g/cm³
- **Solubility in / Miscibility with Water:** Insoluble.
- **pH-value:** Not applicable
- **pH-Value; 5 g/l at 20°C (68°F):** 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 products of decomposition:** 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 internally approved calculation methods for preparations:

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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.

12 Ecological information

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

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

- **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

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- Chemicals known to cause reproductive toxicity for males:		
None of the ingredients is listed.		
- Chemicals known to cause developmental toxicity:		
None of the ingredients is listed.		
- Cancerogenity categories		
- EPA (Environmental Protection Agency)		
None of the ingredients is listed.		
- IARC (International Agency for Research on Cancer)		
14808-60-7	Quartz (SiO ₂)	1
- NTP (National Toxicology Program)		
14808-60-7	Quartz (SiO ₂)	K
- TLV (Threshold Limit Value established by ACGIH)		
14808-60-7	Quartz (SiO ₂)	A2
- NIOSH-Ca (National Institute for Occupational Safety and Health)		
14808-60-7	Quartz (SiO ₂)	
- OSHA-Ca (Occupational Safety & Health Administration)		
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