

Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 02/21/2013

Version 14

Reviewed on 06/05/2012

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

- Product identifier

- Trade name: Plastic Media:

1000, # 1050, # 1050 ND, # 2000, # 2000 ND, # 2050, # 3270, # 4000 M2, # 4000 M4, D10, D15, HR90, HR92, HR100, PFC-S, PLC, PMC, PPP, RKB/W-U, RKD-U, RKF-U, RKM-U, RPEU, TPUSA 1070/2, WPBC, WPPP

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

- Details of the supplier of the safety data sheet

- Manufacturer/Supplier:

Mass Finishing, Inc.
1060 Commerce Blvd.
Howard Lake, MN 55349
USA

Phone: (320) 543-3222

Fax: (320) 543-3355

sales@massfin.comwww.massfin.com

- Emergency telephone number:

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

2 Hazards identification

- Information concerning particular hazards for human 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.

- Label elements

- Labelling according to EU guidelines:

Observe the general safety regulations when handling chemicals.

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

- Classification system:

- NFPA ratings (scale 0 - 4)



Health = 0

Fire = 0

Reactivity = 0

- HMIS-ratings (scale 0 - 4)



Health = 0

Fire = 0

Reactivity = 0

- Other hazards

- Results of PBT and vPvB assessment

- PBT: Not applicable.

- vPvB: Not applicable.

3 Composition/information on ingredients

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

(Contd. on page 2)

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(Contd. of page 1)

- **Dangerous components:** Void
 - **Additional information:** None of the components is present in its original form, but as bonded material.
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4 First aid measures

- **Description of 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.
 - **Information for doctor:**
 - **Most important symptoms and effects, both acute and delayed** No further relevant information available.
 - **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.
-

5 Firefighting measures

- **Extinguishing media**
 - **Suitable extinguishing agents:**
Product will not burn.
Use fire fighting measures that suit the environment.
 - **Special hazards arising from the substance or mixture** No further relevant information available.
 - **Advice for firefighters**
 - **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

- **Personal precautions, protective equipment and emergency procedures** Not required.
 - **Environmental precautions:** No special measures required.
 - **Methods and material for containment and cleaning up:**
Pick up mechanically.
Send for recovery or disposal in suitable receptacles.
 - **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
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7 Handling and storage

- **Handling:**
 - **Precautions 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.
 - **Conditions for safe storage, including any incompatibilities**
 - **Storage:**
 - **Requirements to be met by storerooms and receptacles:** No special requirements.
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(Contd. on page 3)

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(Contd. of page 2)

- **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:**
Store in dry conditions.
The product is unlimited storable.
 - **Specific end use(s)** No further relevant information available.
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8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
 - **Control parameters**
 - **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.
 - **Exposure controls**
 - **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

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Solid in various forms
Color:	Different according to coloring
Odor:	Odorless
- **pH-value at 20 °C (68°F):** Not applicable
- **pH-Value; 5 g/l at 20 °C (68°F):** Not applicable
- **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) at 20 °C (68 °F):** ~ 1.5 - 1.8 g/cm³ (~ 12.518 - 15.02 lbs/gal)
- **Solubility in / Miscibility with**

Water:	Insoluble.
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(Contd. on page 4)

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(Contd. of page 3)

- **Viscosity:**
Dynamic at 22 °C (72°F): Not applicable
- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions in case of intended use.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** None in case of intended use and storage.

11 Toxicological information

- **Information on toxicological effects**
- **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.

- **Carcinogenic categories**

- 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

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Avoid transfer into the environment.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

(Contd. on page 5)

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(Contd. of page 4)

13 Disposal considerations

- **Waste treatment methods**
- **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

- **UN-Number**
- DOT, ADR, ADN, IMDG, IATA Void
- **UN proper shipping name**
- DOT, ADR, ADN, IMDG, IATA Void
- **Transport hazard class(es)**
- DOT, ADR, ADN, IMDG, IATA
- **Class** Void
- **Packing group**
- DOT, ADR, IMDG, IATA Void
- **Special precautions for user** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **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.
- 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.

(Contd. on page 6)

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(Contd. of page 5)

- Cancerogenity categories
- EPA (Environmental Protection Agency)

None of the ingredients is listed.

- TLV (Threshold Limit Value established by ACGIH)

14808-60-7	Quartz (SiO ₂)	A2
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- NIOSH-Ca (National Institute for Occupational Safety and Health)

14808-60-7	Quartz (SiO ₂)
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- 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.

- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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