

MATERIAL SAFETY DATA SHEET

VF-Z1 PLASTIC MEDIA

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Revision Date: 09/09/10
Supersedes: 02/27/06

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: VF-Z1 PLASTIC MEDIA, **Chemical Name:** Proprietary Blend, **Chemical Family:** Filled polymer, **Formula:** Not Applicable, Mixture, **CAS Registry Number:** Not Applicable, Mixture

Manufactured by: Vibra Finish Company 8411 Seward Road Hamilton, OH 45011

Telephone Numbers: East (513) 870-6300, (800) 253-1941; West: (805) 578-0033, (800) 635-0259

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS#</u>	<u>% by Wt.</u>
Zircon	14940-68-2	50-60

See Section 3 for Hazard Identification and Section 8 for Exposure Guidelines.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: No known or anticipated effects of exposure to this material.

Routes of Exposure: Contact. **Target Organ Effects: Eyes:** It is possible that small fragments of this material or the work piece could be propelled from the work area striking the eye. **Skin:** Handling this material with bare hands can cause abrasions. **Ingestion:** Not likely to occur. **Inhalation:** If wear residue resulting from processing should become dry and airborne, inhalation may cause sneezing and/or coughing. **Carcinogenicity:** Respirable crystalline silica is an IARC and NTP probable carcinogen based on animal studies.

4. FIRST AID MEASURES

None that are directly attributable to normal use of this material.

5. FIRE FIGHTING MEASURES

Flammable Properties: This material may burn when exposed to a fire situation. **Hazardous Combustion Products:** Oxides of carbon. **General Hazards:** None specific to this material. **Extinguishing Media:** Water, carbon dioxide, dry chemical, foam. **Fire Fighting Instructions:** Normal firefighting procedures apply. Self contained breathing apparatus should be worn. **Other Information:** Flash Point: Not applicable, Autoignition Temperature: Not applicable, Flammability Limits in Air (% by volume): Not applicable.

6. ACCIDENTAL RELEASE (SPILL MEASURES)

Spills: Collect for reuse or disposal if contaminated with foreign matter.

7. HANDLING AND STORAGE

Handling: This product should not be used dry. Material is heavy, use proper lifting techniques. Material is abrasive, avoid contact with skin and eyes. Do not swallow.

Storage: No special requirements.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Good general ventilation, **Eye Protection:** Safety glasses, **Skin Protection:** Heavy gloves for abrasion protection. **Respiratory Protection:** Use only NIOSH/MSHA approved respiratory protection if dust is generated, **Other Protective Equipment:** Not normally required. **Exposure Guidelines:** In the unlikely event that the wet wear residue resulting from use of this material should become dry and airborne it would contain zircon, TLV 5mg/m³.

9. PHYSICAL AND CHEMICAL PROPERTIES (Typical)

Appearance and Order: Tan solid of varied size and shape, slight characteristic odor **Bulk Density (Lbs./Cu.Ft.):** 75-80 **Solubility in H₂O:** Negligible.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable, **Conditions to Avoid:** Not applicable, **Hazardous Decomposition Products:** By fire: oxides of carbon, **Hazardous Polymerization:** Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology of this product has not been established.

12. ECOLOGICAL INFORMATION

Environmental effects of this product have not been established.

13. DISPOSAL CONSIDERATIONS

Landfill in accordance with local state and federal regulations.

14. TRANSPORTATION INFORMATION

DOT Description: Not Regulated

15. REGULATORY INFORMATION

All components are listed on the TSCA Inventory

16. OTHER INFORMATION

Hazard Rating:

HMIS:

Health – 1

Flammability – 1

Reactivity – 0

Protective Equipment: B

NFPA:

Health - 1

Flammability - 1

Reactivity - 0

VIBRA FINISH COMPANY cannot anticipate all conditions under which this information and our products, or products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by application of this information, either alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such products or product combination for their own purposes. Unless otherwise agreed in writing, buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products.