



MATERIAL SAFETY DATA SHEET (page 2 of 2)

SECTION VI: HEALTH HAZARD INFORMATION

- Inhalation:** Acute effects – coughing, shortness of breath;
Chronic effects – may effect breathing;
- Ingestion:** No known adverse effects; Ingestion not recommended;
Get medical attention;
- Skin:** Some may experience skin irritation from dust;
Wash affected areas with soap and water;
Get medical attention;
- Eye:** Dusts may irritate eyes; flush with large amounts of water;
Get medical attention;

SECTION VII: SPECIAL PROTECTION INFORMATION

Use with proper ventilation.
Eye protection recommended.
Protective gloves may be used if desired.
Use dust respirators; avoid breathing dust.
Wash thoroughly after handling.
Normal clean-up procedures.
Waste disposal method: standard landfill methods.

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Date: *26 Feb 08*

Note: The above information is accurate to the best of our knowledge, however, since data, safety standards, and government requirements are subject to change and the conditions of handling and use, or misuse are beyond our control, KEIR Special Products makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. User should satisfy himself that he has all current data relevant to his particular use.

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HAZARD RATING:

Health ①
 Reactivity ②
 Flammability ③

SECTION I: PRODUCT IDENTIFICATION

Product Name: Vitrified and Resin Bonded Sticks and Stones
 Bond Types: Vitrified: VLP Resin B

SECTION II: MATERIALS AND COMPONENTS

| INGREDIENTS (only some may be used) | CAS NUMBER | MAX WEIGHT % | OSHA PEL Mg/m3** | ACGIH TLV Mg/m3** | CARCINOGEN |
|--|---------------|--------------------|------------------------|-------------------------|------------|
| Aluminum Oxide (Alumina)* | 1344-28-1 | 96 | 10 | 10 | N |
| Silicon Carbide* | 409-21-2 | 96 | 10 | 10 | N |
| Treatment (Paraffin Wax) | 8002-74-2 | 10 | n/a | 10 | N |
| Treatment (Phenolic Resin) | n/a | 10 | n/a | n/a | N |
| Treatment (Sulphur)* | 7704-34-9 | 10 | n/a | n/a | N |
| Glass Bond | n/a | 30 | n/a | n/a | N |

* Denotes materials regulated by OSHA 29 CFR 1910.1200 Hazard Communication Standard

** Total Dust () Denotes Common Name

SECTION III: PHYSICAL PROPERTIES

| | | | |
|-----------------|---------------|-------------------------------|---------------------|
| Boiling Point: | n/a | Specific Gravity: | 2-4 |
| Melting Point: | n/a | Solubility in Water: | Slight |
| Freezing Point: | n/a | Solubility in Alcohol: | n/a |
| Vapor Pressure: | n/a | Solubility in other Solvents: | n/a |
| Vapor Density: | n/a | Evaporation Rate: | n/a |
| Appearance: | Solid Product | Odor: | Possible during use |

SECTION IV: FIRE AND EXPLOSION DATA

| | | |
|----------------------|-----|-------------------------------------|
| Flash Point: | n/a | No Special Fire Fighting Procedures |
| Flammable Limits: | n/a | No Need to Extinguish |
| Explosion Potential: | n/a | |

SECTION V: REACTIVITY DATA

| | | | |
|-------------------------|---------------------|------------------|--------------------|
| Stability: | Stable | Incompatibility: | Avoid strong acids |
| Conditions to Avoid | n/a | Polymerization: | Will not occur |
| Decomposition Products: | Dust, Organic Fumes | | |