1. Identification of the Substance/Preparation and of the Company/Undertaking.
   - Product Type: Model Stones, Plasters and Die Materials
   - Trade Names:
     - Bistone
     - Buffstone
     - Die Stone, Ivory
     - FlowStone
     - Hard Rock
     - Handi Mix
     - Jade Stone
     - Laboratory Plaster
     - Microstone
     - Mounting Plaster
     - Mounting Stone
     - Prima-Rock
     - Quickstone
     - ResinRock
     - Silky-Rock
     - Snap Stone
     - CAD Stone
     - Whip Mix Model Stone
     - FlowStone, Black
     - Orthodontic Stone*
     - Orthodontic Plaster*
   - Company: Whip Mix Corporation
     361 Farmington Avenue
     Louisville, Kentucky, USA 40209
     Emergency Telephone Number: (502) 634-1451
     Fax Number: (502) 634-4512

* All sections apply to this product, in addition, the items identified by an * are related specifically to Orthodontic Stone and Orthodontic Plaster only.

2. Composition/Information on Ingredients.

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS No.</th>
<th>Concentration, %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plaster of Paris</td>
<td>26499-65-0</td>
<td>95 – 100</td>
</tr>
<tr>
<td>Crystalline Silica</td>
<td>148-60-7</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>&lt; 3</td>
</tr>
</tbody>
</table>

3. Hazard Identification.
   - Inhalation of excessive dust over a prolonged period can result in lung damage.
   - Local ventilation should be used to keep employee exposure dust below 0.05 mg/m³
   - Personal protective equipment not required during normal laboratory use
   - Vacuum spilled material. Avoid creating dust.

4. First-Aid Measures.
   - This product has no known acute toxic effects.
   - For eye contact, rinse with well water for 15, contact physician if irritations persists.

5. Fire-Fighting Measures.
   - Nonflammable. Use whatever measure of extinction is appropriate for surrounding fire. Water may cause product to solidify.
   - Will decompose above 1450 ºC to SO₂

   - Vacuum spilled material. Avoid creating dust. Wipe surfaces with wet cloth
   - Avoid washing down drains as material can plug drains

7. Handling and Storage.
   - Handling: No special treatment required
   - Storage: Store in a dry location. Keep container closed
8. Exposure Controls/Personal
   • Exposure Limits
     | OSHA-PEL | ACGIH-TLV, 2001 |
     | mg/m³    | mg/m³          |
     | Nuisance Dust (Respirable) | 5 | 3 |
     | Crystalline Silica (Respirable) | 0.1 | 0.05 |
   • Personal protective equipment: None required during normal laboratory use.
   • Engineering controls: Use local ventilation to keep employee exposure to respirable dust below 0.05 mg/m³.
   • Respirator: Use respirator approved to NIOSH/MSHA half face with HEPA cartridges for exposures up to 10 times exposure limits.

   • Solid, odorless powder, with variety of colors
     | Vapor pressure (mmHg) | Not Applicable | Vapor density (air = 1) | Not Applicable |
     | Melting Point ºC | 145º | Boiling Point ºC | Not Applicable |
     | pH | Not Applicable | Specific gravity/density | 2.5 – 3.5 |
     | Solubility in water | 0.2% | Flash point ºC | Not Applicable |
   • No dangerous reactions are known to occur with proper handling and storage.

10. Stability and Reactivity.
    • Basically stable, may solidify and generate heat if in contact with water.
    • Will decompose above 1450 ºC

11. Toxicological Information.
    • Route of entry: Inhalation. Inhalation of excessive dust over a prolonged period can result in lung damage.
    • Effects of acute exposure: None known.
    • Carcinogenicity: The International Agency for Research on Cancer (IARC) reports inhaled crystalline silica is a Group 1 carcinogen to humans. NTP has listed crystalline silica as carcinogen.

12. Ecological Data.
    • No ecotoxicological studies are available. Generally considered chemically inert in the environment.
    • Not dangerous to water life.

    • Waste is not hazardous as defined by RCRA (40CFR 261)
    • Avoid washing down drains as material can plug drain.

14. Transport Information.
    • No special transport requirements, non-dangerous goods

15. Regulatory Information.
    • SARA III information: For purposes of SARA III reporting, these products contain no ingredients on the extremely hazardous CERCLA, or section 313 lists.
    • SARA Extremely Hazardous Substances 40 CFR 370: Acute
    • CERCLA: This product is not listed with CERCLA (40 CFR 117,302)

16. Other Information.
    • HMIS Rating: Health 1 Flammability 0 Reactivity 0 Other 0
      Hazard: 4-Severe; 3-Serious; 2-Moderate; 1-Slight; 0-Minimum

Prepared By: Donna Ringo, C.I.H.  Translated By:
Date: 6/23/2005  Date: