

# VIDENT

## MATERIAL SAFETY DATA SHEET

1. **Identification of the Substance/Preparation and of the Company/Undertaking.**
  - **Product Type:** Model Stones, Plasters, and Die Materials
  - **Trade Name:** Accu-Scan **Part Numbers:** B43-110 B43-112  
B43-111
  - **Distributed By:** Vident  
3150 E. Birch St.  
Brea, CA 92821  
Phone: (714) 961-6200  
Fax: (714) 961-6299
2. **Composition/Information on Ingredients**

<u>Substance</u>	<u>CAS No.</u>	<u>Concentration %</u>
Plaster of Paris	26499-65-0	95-100
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 3 mg/m<sup>3</sup>.
  - 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 which would required emergency first-aid measures
  - For eye contact, rinse with water and contact physician.
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°C to SO<sub>2</sub>.
6. **Accidental Release Measures**
  - 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 <u>Mg/m<sup>3</sup></u>	ACGIH-TLV <u>Mg/m<sup>3</sup></u>
Nuisance Dust (Respirable)	5	3
Nuisance Dust (Total)	15	10

- Personal protective equipment: None required during normal laboratory use.
- Engineering controls: Use local ventilation to keep employee exposure to respirable dust below 3 mg/m<sup>3</sup>.
- Respirator: Use respirator approved to NIOSH/MSHA-1/2 face with dust/mist cartridges for exposures up to 10 times exposure limits.

9. Physical and Chemical Properties

- Solid, odorless powder, with variety of colors.
- Vapor pressure (mmHg) Not Applicable
- Vapor density (air=1) Not Applicable
- Melting Point °C 1450°
- Boiling Point °C Not Applicable
- Freezing Point °C Not Applicable
- Ph Not Applicable
- Specific gravity/density 2.5-3.5
- Solubility in water 0.2%
- Flash point °C 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 °C

11. Toxicological Information

- Route of entry: Inhalation
- Effects of acute exposure: None known
- Inhalation of excessive dust over a prolonged period can result in lung damage.
- Carcinogenicity: Not listed as carcinogen by OSHA, NTP, or TARC

12. Ecological Data

- No ecotoxicological studies are available. Generally considered chemically inert in the environment.
- Not dangerous to water.

13. Disposal Considerations

- Waste is not hazardous as defined by RCRA (40CFR261)
- Avoid washing down drains as material can plug drain.

14. Transport Information

- No special transport requirements, nondangerous 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.

16. **Other Information**

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