

## SAFETY DATA SHEETS

**This SDS packet was issued with item:**

073629003

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

073629011 073629029 273040470

ACTIO MSDS ID: 758593

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(N/A)

**Product Name:**      **Diamond Scan Stone****Manufacturer Name:**      Hi-Tec Dental Products, Inc.**Address:**      5218 Gregory Rd.  
Greenback, TN 37742**NFPA****0****Product Description:**      Product Type: Model Stone, Plasters, and Die Materials**1****Revision Date:**      6/2012**Trade Names:**      Diamond Scan Stone**HMIS****Other Information:**      Hazard:  
4-Severe  
3-Serious  
2-Moderate  
1-Slight  
0-Minimum

<b>HEALTH</b>	<b>1</b>
<b>FIRE</b>	<b>0</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PPE</b>	

**Product Codes:**[To Top of page](#)**SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS**

: (N/A)

<b>Ingredient Name</b>	<b>CAS#</b>	<b>Ingredient Percent</b>
Plaster of Paris	26499-65-0	Concentration: 95-100%
<b>EC Index Number:</b>	1	

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: (N/A)

**Potential Health Effects:**      Inhalation of excessive dust over a prolonged period can result in lung damage. Local ventilation should be used to keep employee exposure to dust below 3 mg/m. Personal protective equipment not required during normal laboratory use. Vacuum spilled material. Avoid creating dust.

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: (N/A)

**Eye Contact:**      For eye contact, rinse with water and contact physician.

**Other First Aid:** This product has no known acute toxic effects which would require emergency first-aid measures.

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## SECTION 5 : FIRE FIGHTING MEASURES : (N/A)

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**Fire:** Nonflammable. Use whatever measure of extinction is appropriate for surrounding fire. Water may cause product to solidify.  
Will decompose above 1450 deg C to SO.

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## SECTION 6 : ACCIDENTAL RELEASE MEASURES : (N/A)

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**Spill Cleanup Measures:** Vacuum spilled material. Avoid creating dust. Wipe surfaces with wet cloth.  
Avoid washing down drains as material can plug drains

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## SECTION 7 : HANDLING and STORAGE : (N/A)

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**Handling:** No special treatment required.

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## SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION : (N/A)

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**Engineering Controls:** Use local ventilation to keep employee exposure to respirable dust below 3 mg/m.

**Personal Protective Equipment**  
**Routine Handling:** None required during normal laboratory use.

**Respiratory Protection:** Use respirator approved to NIOSH/MSHA-1/2 face with dust/mist cartridges for exposures up to 10 times exposure limits.

**Exposure Limits:** Nuisance Dust (Respirable)  
OSHA-PEL Mg/m: 5  
ACGIH-TLV Mg/m: 3

Nuisance Dust (Total)  
OSHA-PEL Mg/m: 15  
ACGIH-TLV Mg/m: 10

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## SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES : (N/A)

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**Physical State/Appearance:** Solid, Powder

**Color:** Variety of colors

**Odor:** Odorless

**pH:** Not Applicable

**Vapor Pressure:** (mmHg): Not Applicable

**Vapor Density:** (air=1): Not Applicable

**Flash Point:** (deg C): Not Applicable

**Boiling Point:** (deg C): Not Applicable

**Freezing Point:** (deg C): Not Applicable

**Melting Point:** 1450 deg C

**Solubility:** In water: 0.2%

**Specific Gravity:** 2.5-3.5

**Density:** 2.5-3.5

No dangerous reactions are known to occur with proper handling and storage.

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SECTION 10 : STABILITY and REACTIVITY

: (N/A)

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Chemical Stability:	Basically stable, may solidify and generate heat if in contact with water.
Hazardous Decomposition Products:	Will decompose above 1450 deg C

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SECTION 11 : TOXICOLOGICAL INFORMATION

: (N/A)

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**Plaster of Paris :**

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

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SECTION 12 : ECOLOGICAL INFORMATION

: (N/A)

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Ecological Paragraph:	No ecotoxicological studies are available.
Environmental Fate:	Generally considered chemically inert in the environment.
Comments:	Not dangerous to water.

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SECTION 13 : DISPOSAL CONSIDERATIONS

: (N/A)

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Waste Disposal:	Waste is not hazardous as defined by RCRA (40CFR2G1) Avoid washing down drains as material can plug drain.
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SECTION 14 : TRANSPORT INFORMATION

: (N/A)

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Transportation Information:	No special transport requirements, non-dangerous goods.
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SECTION 15 : REGULATORY INFORMATION

: (N/A)

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**Plaster of Paris :**

SARA:	SARA III information: For purposes of SARA III reporting, these products contain no ingredients on the extremely hazardous CERCLA.
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Section 313 Toxic Release Form:	SARA III information: For purposes of SARA III reporting, these products contain no ingredients on the extremely hazardous section 313 lists.
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SECTION 16 : ADDITIONAL INFORMATION

: (N/A)

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HMIS:

Health Hazard:	1
Fire Hazard:	0

Reactivity:	0
Personal Protection:	0
MSDS Revision Date:	6/2012
Other Information:	Hazard: 4-Severe 3-Serious 2-Moderate 1-Slight 0-Minimum

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