

SAFETY DATA SHEETS

This SDS packet was issued with item:

073629003

N/A

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

HEALTH	1
FIRE	0
REACTIVITY	0
PPE	

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

: (N/A)

Ingredient Name	CAS#	Ingredient Percent
Plaster of Paris	26499-65-0	Concentration: 95-100%
EC Index Number:	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)

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)

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)

Handling: No special treatment required.

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

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)

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)

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)

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)

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)

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)

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

: (N/A)

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)

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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