

# SAFETY DATA SHEETS

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

073629003

N/A

ACTIO MSDS ID: 758593

View Section : [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#)

SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION (N/A)

Product Name: **Diamond Scan Stone** **NFPA**  
 Manufacturer Name: Hi-Tec Dental Products, Inc.  
 Address: 5218 Gregory Rd.  
 Greenback, TN 37742 **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)

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

[To Top of page](#)



SECTION 3 : HAZARDS IDENTIFICATION : (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.

[To Top of page](#)



SECTION 4 : FIRST AID MEASURES : (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.

[To Top of page](#)




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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.

[To Top of page](#)




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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

[To Top of page](#)




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

**Handling:** No special treatment required.

[To Top of page](#)




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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

[To Top of page](#)




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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.

[To Top of page](#)



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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

[To Top of page](#)



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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.

[To Top of page](#)



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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.

[To Top of page](#)



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**SECTION 13 : DISPOSAL CONSIDERATIONS** : (N/A)

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

[To Top of page](#)



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**SECTION 14 : TRANSPORT INFORMATION** : (N/A)

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**Transportation Information:** No special transport requirements, non-dangerous goods.

[To Top of page](#)



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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.

**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.

[To Top of page](#)



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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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[To Top of page](#)

