

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**
 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	

[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](#)



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](#)



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](#)



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

Handling: No special treatment required.

[To Top of page](#)



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](#)



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](#)



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

[To Top of page](#)



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.

[To Top of page](#)



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.

[To Top of page](#)



SECTION 13 : DISPOSAL CONSIDERATIONS : (N/A)

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

[To Top of page](#)



SECTION 14 : TRANSPORT INFORMATION : (N/A)

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

[To Top of page](#)



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.

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](#)



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

Copyright© 1996-2009 Actio Corporation. All Rights Reserved.

[To Top of page](#)

