

## **SAFETY DATA SHEETS**

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

076354716

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

076346902 076346910 076346928 076346936 076346944 076346951 076346969 076346977 076346985 076346993  
076347009 076354146 076354203 076354328 076354351 076354385 076354419 076354443 076354476 076354500  
076354534 076354567 076354591 076354625 076354658 076354682 076354740 076354773 076354807 076354831  
076354898 076354922 076354955 076354989 076355010 076355044 076355077 076355101 076355135 076355168  
076355192 076355226 076355259 076355317 076355341 076355374 076355408 076355432 076355465 076355499  
076355523 076355556 076355580 076355648 076355671 076355796 076355853 076355887 076355911 076355945  
076356067 076356125 076356331 076356513 076356547 076356570 076356661 076356752 076356786 076356844  
076356935 076356968 076357024 076357057 076357115 076357149 076357172 076357230 076357263 076357297  
076357321 076357503 076357511 076357529 076357537 076363170

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



**IDENTITY (As Used on Label and List)**  
Shofu Dura-Green Stones

*Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.*

**Section I**

Manufacturer's Name Shofu Dental Corporation	Emergency Telephone Number 1-800-535-5053
Address (Number, Street, City, State, and ZIP Code) 1225 Stone Drive San Marcos, CA 92078	Telephone Number for Information 760-736-3277
	Date Prepared OCTOBER 29, 2012
	Signature of Preparer (optional)

**Section II — Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
No hazardous material present in concentration greater than 1% (0.1% for carcinogens)				

**Section III — Physical/Chemical Characteristics**

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	N/A
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	Insoluble		
Appearance and Odor	Hard green abrasive stones		

**Section IV — Fire and Explosion Hazard Data**

Flash Point (Method Used)	N/A	Flammable Limits	N/A	LEL	UEL
Extinguishing Media	N/A				
Special Fire Fighting Procedures	N/A				
Unusual Fire and Explosion Hazards	N/A				

(Reproduce locally)

OSHA 174, Sept. 1985

**Section V — Reactivity Data**

Stability	Unstable	Conditions to Avoid
	Stable	X
Incompatibility (Materials to Avoid)	None known	
Hazardous Decomposition or Byproducts	N/A	
Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur	X

**Section VI — Health Hazard Data**

Route(s) of Entry:	Inhalation?	Possible	Skin?	No Data	Ingestion?	Possible
Health Hazards (Acute and Chronic) Breakdown of silicon carbide during use will result in dust classified as "inert" or "nuisance" dust and has little adverse effect on lungs. (ACGIH Threshold Limit Values & Biological Exposure Indices for 1987-1988.)						
Carcinogenicity:	NTP?	N/A	IARC Monographs?	N/A	OSHA Regulated?	N/A
Signs and Symptoms of Exposure	No data					
Medical Conditions Generally Aggravated by Exposure	No data					
Emergency and First Aid Procedures	Inhalation Over-exposure: Remove to fresh air & contact physician if necessary.					

**Section VII — Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled

N/A

Waste Disposal Method

In accordance with Federal, State and local regulations

Precautions to Be Taken in Handling and Storage Store in a dry place. Take measures to insure against mechanical damage. Store in accordance with ANSI B7.1

Other Precautions

Use in accordance with instructions regarding rotating speed

**Section VIII — Control Measures**

Respiratory Protection (Specify Type)  
NIOSH or OSHA approved dust respirator may be required (OSHA-29-CFR-1910-134)

Ventilation	Local Exhaust Utilize local exhaust to keep nuisance dust below TLV	Special
	Mechanical (General)	N/A
Protective Gloves	N/A	Eye Protection Recommended - See OSHA-29-CFR-1910-133
Other Protective Clothing or Equipment	N/A	
Work/Hygiene Practices	N/A	

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## SECTION 1. Identification of the substance or mixture and of the supplier

### 1.1 Product identifier

Trade Name:

**Dura-Green Stones (points & wheels)**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Dental material

Uses advised against: No further data

### 1.3 Details of the supplier of the safety data sheet

Company/Undertaking identification

Manufacturer's Name: **SHOFU DENTAL CORPORATION**

Address: 1225 Stone Drive, San Marcos, CA 92078 USA

Toll Free: 1-800-827-4638

Phone: 760-736-3277

Fax: 760-736-3276

E-Mail: customer-service@shofu.com

Section in Charge: Quality Management & Regulatory Affairs

### 1.4 Emergency Telephone Number

For emergencies only. Call CHEMTREC: +1 703-741-5970 / 1-800-424-9300 (24 hours)

## SECTION 2. Hazards identification

### 2.1 GHS Classification

It is not possible to classify it.

### 2.2 Label elements

SYMBOL Void

SIGNAL WORD Void

HAZARD STATEMENTS Void

#### PRECAUTIONARY STATEMENTS

[Prevention]

Do not handle until all safety precautions have been read and understood.

[Response]

Get medical advice/attention if you feel unwell.

[Storage]

Store under normal dry conditions.

[Disposal]

Dispose of contents and container in accordance with regulation.

### 2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

## SECTION 3. Composition/information on ingredients

### 3.1 Chemical characterization: Mixtures



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- 3.2 Description: -
- 3.3 Dangerous components: Void
- |               |                            |
|---------------|----------------------------|
| Working part: | Silicone carbide grit(SiC) |
|               | Bonding glass phase        |
|               | Others                     |
| Shank part:   | Stainless steel            |
- 3.4 Additional information: For the wording of the listed risk phrases refer to section 2

## SECTION 4. First-aid measures

- 4.1 Description of first aid measures
- Eye contact: Wash immediately plenty of water and seek medical advice, since the grinding dust cause scratched harm to the cornea if contact.
- Skin contact: No special measures required.
- Ingestion: No special measures required.
- Inhalation: Remove from exposure. (if inhaled the dust from grinding)
- 4.2 Most important symptoms and effects, both acute and delayed
- No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed
- No further relevant information available.

## SECTION 5. Fire-fighting measures

- 5.1 Extinguishing Media:
- The product is not flammable.
- 5.2 Special hazards arising from the substance or mixture:
- No further relevant information available.
- 5.3 Advice for firefighters:
- No further relevant information available.

## SECTION 6. Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures:
- Don't breathe dust.
- 6.2 Environmental Precautions:
- No special measures required.
- 6.3 Methods and material for containment and cleaning Up:
- Pick up and collect in a suitable container.
- 6.4 Reference to other section:
- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.

## SECTION 7. Handling and storage

- 7.1 Precautions for safe handling:
- Use in accordance with instruction. In case of grinding and polishing, wear dust mask and safety glasses, and using dust respirator and local exhaust.
- 7.2 Conditions for safe storage, including any incompatibilities:
- Store in a dry place. Take measures to avoid mechanical and chemical damage.



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7.3 Specific end use(s):  
No further relevant information available.

## SECTION 8. Exposure controls/personal protection

- 8.1 Control parameters:  
Ingredients with limit values that require monitoring at the workplace:  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- 8.2 Exposure controls:  
Respiratory Protection: Dust mask
- Skin Protection: Hand Protection  
Not required.
- Eye Protection: Safety goggles

## SECTION 9. Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- |  |   |
|--|---|
| Appearance/Odor/Colour:                      | Dark green grinding odorless Grinding stones(abrasives) |
| Odour threshold                              | Not determined.   |
| pH   | Not determined.   |
| Melting point/freezing point                 | Not determined.   |
| Boiling Point:                               | Not determined.   |
| Flash point:                                 | Not determined.   |
| Evaporation rate                             | Not determined.   |
| Flammability (solid, gas)                    | Not applicable.   |
| Upper/lower flammability or explosive limits | Not determined.   |
| Vapour pressure                              | Not determined.   |
| Vapour density                               | Not determined.   |
| Relative Density:                            | Not determined.   |
| Solubility: water solubility                 | Insoluble   |
| Partition coefficient: n-octanol/water       | Not determined.   |
| Auto-ignition temperature                    | Not determined.   |
| Decomposition temperature                    | Not determined.   |
| Viscosity                                    | Not determined.   |
| Explosive properties                         | Not applicable.   |
| Oxidising properties                         | Not applicable.   |
- 9.2 Other information  
No further relevant information available.

## SECTION 10. Stability and reactivity

- 10.1 Reactivity:  
No further relevant information available.
- 10.2 Chemical stability:  
Stable under normal temperatures and pressures.



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- 10.3 Possibility of hazardous reactions:  
No dangerous reactions known.
- 10.4 Condition to Avoid:  
No further relevant information available.
- 10.5 Incompatible materials:  
No further relevant information available.
- 10.6 Hazardous Decomposition Products:  
None under normal conditions of storage and use.

## SECTION 11. Toxicological information

- 11.1 Information on toxicological effects:
- |   |   |
|---|---|
| Acute toxicity:                                     | Based on available data, the classification criteria are not met. |
| Skin corrosion/irritation:                          | Based on available data, the classification criteria are not met. |
| Eye damage/irritation:                              | Based on available data, the classification criteria are not met. |
| Sensitization to the respiratory tract:             | Based on available data, the classification criteria are not met. |
| Skin sensitization:                                 | Based on available data, the classification criteria are not met. |
| Germ cell mutagenicity/Genotoxicity:                | Based on available data, the classification criteria are not met. |
| Carcinogenicity:                                    | Based on available data, the classification criteria are not met. |
| Reproductive toxicity:                              | Based on available data, the classification criteria are not met. |
| Effects on or via lactation:                        | Lack of data.   |
| Specific target organ toxicity (single exposure):   | Based on available data, the classification criteria are not met. |
| Specific target organ toxicity (repeated exposure): | Based on available data, the classification criteria are not met. |
| Aspiration hazard:                                  | Based on available data, the classification criteria are not met. |

## SECTION 12. Ecological information

- 12.1 Toxicity:  
No further relevant information available.
- 12.2 Persistence and degradability:  
No further relevant information available.
- 12.3 Bioaccumulative potential:  
No further relevant information available.
- 12.4 Mobility in soil:  
No further relevant information available.
- 12.5 Results of PBT and vPvB assessment:  
Not applicable.
- 12.6 Other adverse effects:  
No further relevant information available.

## SECTION 13. Disposal considerations

- 13.1 Waste treatment methods:  
Dispose of contents/container to in accordance with local/regional/national/international regulations.



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## SECTION 14. Transport information

- |   |  |
|---|--|
| 14.1 UN number:   | Void                                       |
| 14.2 UN proper shipping name:   | Void                                       |
| 14.3 Transport hazard class(es):  | Void                                       |
| 14.4 Packing group:   | Void                                       |
| 14.5 Environmental hazards:   | No further relevant information available. |
| 14.6 Special precautions for user:  | Not applicable.                            |
| 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: | Not applicable.                            |

## SECTION 15. Regulatory informati

Follow all regulations in your country.

## SECTION 16. Other information

This product is intended for use by dental professionals. (instrument/material)

Abbreviations and acronyms:

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative