



# SAFETY DATA SHEET

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Dura-Green DIA  
(VITRIFIED DIA)  
Printing date: July 23, 2019

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

- 1.1 Product identifier  
Trade Name:  
**Dura-Green DIA (VITRIFIED DIA)**
- 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 INC.**  
Address: 11 Kamitakamatsu-cho, Fukuine, Higashiyama-ku, Kyoto 605-0983, JAPAN  
Phone: +81-75-561-1112  
Fax: +81-75-275-4795  
Section in Charge: Quality Assurance Section
- 1.4 Emergency Telephone Number  
+81-75-561-1112

## 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
- 3.2 Description: Mixture of substances listed below with nonhazardous additions.



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- 3.3 Dangerous components: Void  
Working part: Artificial diamond powder  
Silicon carbide  
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:	Light green whetstone
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.

10.3 Possibility of hazardous reactions:  
No dangerous reactions known.



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## 10.4 Condition to Avoid:

Avoid mechanical and chemical damage.

## 10.5 Incompatible materials:

Avoid contact with alkaline solutions, acids and caustic agents.

## 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