

SAFETY DATA SHEETS

This SDS packet was issued with item:

076350474

N/A

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)

CompoSite Builet, Knife, & Wheel

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

Address (Number, Street, City, State, and ZIP Code)
1225 Stone Drive

San Marcos, CA 92078

Emergency Telephone Number

1-800-535-5053

Telephone Number for Information
760-736-3277

Date Prepared November 14, 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)
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ZIRCONIUM OXIDE IN SILICONE RUBBER

5 mg/m³

Zirconium oxide is listed here as a hazardous ingredient because, in industrial use,
5 mg of zirconium oxide per cubic meter of air averaged over an eight hour work shift
can result in mild irritation to skin, eyes, or respiratory system with no longterm
deleterious effects.

In dental applications, used according to directions (low rpm, with a light touch,
and under "wet" conditions), CompoSite is not hazardous.

Section III — Physical/Chemical Characteristics

Boiling Point	N.A.	Specific Gravity (H ₂ 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

Pale gray rubber points

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
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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

Will Not Occur

Conditions to Avoid

X

Section VI — Health Hazard Data

Route(s) of Entry:

Inhalation?

Skin?

Ingestion?

Possible

Possible

Possible

Health Hazards (Acute and Chronic)

Breakdown of zirconium oxide during use can result in dust which can be mildly irritating
to skin, eyes, and respiratory system. Used according to directions (low rpm, with a light
touch, and under "wet" conditions) health hazards are greatly reduced.

Carcinogenicity:

None

NTP?

N.A.

IARC Monographs?

N.A.

OSHA Regulated?

Signs and Symptoms of Exposure

Mild irritation of the eyes, skin, or respiratory system.

Medical Conditions

Generally Aggravated by Exposure

Persons suffering from chronic respiratory disease or skin dis-
ease may be more susceptible to the effects of this agent.

Emergency and First Aid Procedures

Eye contact: Irrigate immediately with large amounts of water. Seek medical help if irrita-
tion occurs. Skin contact: Wash with soap and water. Consult a physician if necessary.

Section VII — Precautions for Safe Handling and Use Inhalation: Remove to fresh air. Consult a phy-
sician if necessary. Ingestion: N.A.

N.A.

Waste Disposal Method

In accordance with Federal, State, and local regulations.

Precautions to Be Taken in Handling and Storing

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 rotation speed.

Handling of the product exclusively by dental specialists.

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

dust below TLV.

Special

Other

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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1. Identification of the substance or mixture and of the supplier*1.1 Product Name:*

**CompoSite polishers/ Silicone(points & cups) C-type/Composite points
/Composite Fine points**

1.2 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: +81-75-561-2273

Section in Charge: Quality Assurance Section

Date Prepared: 2014.9.22

1.3 Emergency Telephone Number

+81-75-561-1112

2. Hazardous identification

GHS CLASSIFICATION

It is not possible to classify it.

LABEL ELEMENTS

SYMBOL	—
SIGNAL WORD	—
HAZARD STATEMENTS	—

PRECAUTIONARY STATEMENTS

[Prevention]

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

[Response]

If you feel un-well, get medical advice/attention.

[Storage]

Store in a dry place. Take measures to avoid mechanical and chemical damage.

[Disposal]

Dispose of contents and container in accordance with regulation.

3. Composition/information on ingredients

Working part :	Synthetic rubber Abrasive grain (ZrSiO ₄ , or Al ₂ O ₃) Magnesium oxide (MgO) Others
Shank part :	Stainless steel shank

No hazardous material is present in this grinding stone.

4. First-aid measures

4.1 Eye contact : Wash immediately plenty of water and seek medical advice, since the grinding dust cause scratched harm to the cornea if contact.

4.2 Skin contact : N/A

4.3 Ingestion : N/A

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4.4 *Inhalation:* Remove from exposure (if inhaled the dust from grinding)

5.Fire-fighting measures

5.1 <i>Suitable Extinguishing Media:</i>	CO ₂ , Dry chemical, Foam
5.2 <i>Extinguishing Media Should not be used :</i>	N/A
5.3 <i>Special Exposure Hazards Arising:</i>	In the case of fire, irritation gas and fume may emit.
5.4 <i>Special Protective Equipment:</i>	Wear fire protective cloth, safety goggles and dust mask.

6.Accidental release measures

6.1 <i>Personal Precautions:</i>	N/A
6.2 <i>Methods for Cleaning Up:</i>	Pick up and collect in a suitable container.

7.Handling and storage

7.1 <i>Handling:</i>	Use in accordance with instruction Regarding rotating speed.
7.2 <i>Storage:</i>	Store in a dry place. Take measures to avoid mechanical and chemical damage.

8.Exposure controls/personal protection

8.1 <i>Exposure limits:</i>	Chemical name	CAS No.	ACGIH TLV
	N/A		
8.2 <i>Respiratory Protection:</i>	Dust respirator and/or local exhaust.		
8.3 <i>Hand Protection:</i>	N/A		
8.4 <i>Eye Protection:</i>	Safety goggles		
8.5 <i>Skin Protection:</i>	General protective clothing		

9.Physical and chemical properties

9.1 <i>Appearance/Odor :</i>	Gray rubber bonded polishing stone (points) .		
9.2 <i>Boiling Point/Boiling Range:</i>	N/D		
9.3 <i>Melting Point/Melting Range:</i>	N/D		
9.4 <i>Flash point:</i>	N/D		
9.5 <i>Auto flammability:</i>	N/D		
9.6 <i>Explosive Properties:</i>	N/D		
9.7 <i>Oxidizing Properties:</i>	N/D		
9.8 <i>Vapour Pressure:</i>	N/D		
9.9 <i>Relative Density:</i>	N/D		
9.10 <i>Solubility:</i>	water solubility	Non-soluble	

10.Stability and reactivity

	Stable in a normal temperature.		
10.1 <i>Condition to Avoid:</i>	Avoid direct sunlight and high temperature.		
10.2 <i>Materials to Avoid:</i>	N/A		
10.3 <i>Hazardous Decomposition Products:</i>	Will not occur		

11.Toxicological information

No information

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12. Ecological information

No information

13. Disposal considerations

Dispose of contents/container to in accordance with local/regional/national/international regulations (to be specified).

14. Transport information

Airline restriction information ; It doesn't correspond.

UN No. ; It doesn't correspond.

Sea restriction information ; It doesn't correspond.

UN No. ; It doesn't correspond.

15. Regulatory information

Follow all regulations in your country.

16. Other information

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