

SAFETY DATA SHEETS

This SDS packet was issued with item:

076344600

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).

076344618 076344626 076344634 076344931 079709850

MATERIAL SAFETY DATA SHEET

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

1.1 Product Name:

GLASIONOMER CX-PLUS "LIQUID "

1.2 Company /Undertaking identification

Manufacturer's Name: **SHOFU INC.**

Address: 11 Kamitakamatsu-cho, Fukunine, Higashiyama-ku, Kyoto 605-0983 ,JAPAN

Phone: +81-75-561-1112

Fax: +81-75-561-2273

Section in Charge: Quality Assurance Section

Date Prepared: 2012.7.13

1.3 Emergency Telephone Number

+81-75-561-1112

2. Hazards identification

GHS CLASSIFICATION

It is not possible to classify it.

LABEL ELEMENTS

SYMBOL

SIGNAL WORD

HAZARD STATEMENTS

PRECAUTIONARY STATEMENTS

[Prevention]

Obtain special instruction before use.

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

Do not breathe dust/mist.

[Response]

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

[Storage]

Store in a cool and dark area.

[Disposal]

Dispose of contents and container in accordance with regulation.

3. Composition/information on ingredients

<i>Composition</i>		<i>Hazzard type</i>
Water	40 ~ 50 %	
Acrylic Acid Polymer [Cas No.9003-01-4]	40 ~ 50 %	
L(+) Tartaric Acid [Cas No.87-69-4]	1 ~ 10 %	Xi

4. First-aid measures

4.1 Eye contact : May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

4.2 Skin contact : May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

4.3 Ingestion : May cause irritation to mucous membranes. **DO NOT INDUCE VOMITING.** Seek medical attention if irritation or symptoms persist.

4.4 Inhalation : May cause irritation to mucous membranes. Move the exposed person to fresh air.

MATERIAL SAFETY DATA SHEET

5. Fire-fighting measures

- 5.1 Suitable Extinguishing Media:* Use extinguishing media appropriate to the surrounding fire conditions.
- 5.2 Extinguishing Media Should not be used :*
N/A
- 5.3 Special Exposure Hazards Arising:* Burning produces irritating, toxic and obnoxious fumes.
- 5.4 Special Protective Equipment:* Wear suitable respiratory equipment when necessary.

6. Accidental release measures

- 6.1 Personal Precautions:* Ensure adequate ventilation of the working area.
- 6.2 Environmental Precautions:* Do not allow product to enter drains. Prevent further spillage if safe.
- 6.3 Methods for Cleaning Up:* Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. Handling and storage

- 7.1 Handling:* Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.
- 7.2 Storage:* Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

8. Exposure controls/personal protection

- 8.1 Exposure limits:* ACGIH TLV.
None assigned.
- 8.2 Respiratory Protection:* Ensure adequate ventilation of the working area.
- 8.3 Hand Protection:* Chemical resistant gloves (PVC).
- 8.4 Eye Protection:* In case of splashing, wear: Approved safety goggles.
- 8.5 Skin Protection:* Wear protective clothing.

9. Physical and chemical properties

- 9.1 Appearance/Odour/pH* Colorless viscous liquid with perceptible odor.
- 9.2 Boiling Point/Boiling Range:* 100
- 9.3 Melting Point/Melting Range:* N/D
- 9.4 Flash point:* N/D
- 9.5 Auto flammability:* N/D
- 9.6 Explosive Properties:* N/D
- 9.7 Oxidizing Properties:* N/D
- 9.8 Vapour Pressure:* N/D
- 9.9 Relative Density:* 1.25
- 9.10 Solubility: water solubility* Soluble
- 9.11 pH:* 3

10. Stability and reactivity

- 10.1 Stability:* Stable under normal conditions.
- 10.2 Reactivity:* N/A
- 10.3 Condition to avoid:* Avoid direct sunlight and high temperature.
- 10.4 Materials to avoid:* N/A

MATERIAL SAFETY DATA SHEET

11.Toxicological information

May cause irritation to skin and eyes.

12.Ecological information

No data is available on this product.

13.Disposal considerations

Dispose of in compliance with all local and national regulations.

14.Transport information

The product is not classified as dangerous for carriage.

15.Regulatory information

No Significant Hazard.

16.Other information

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

MATERIAL SAFETY DATA SHEET

Product Trade Name: SHOFU GLASIONOMER CEMENT CX-PLUS "POWDER"
Part (Item) Number: 1167

SECTION I

Division Name: SHOFU DENTAL CORPORATION
Address: 1225 Stone Drive, San Marcos, CA 92078

Emergency phone number: 1-800-535-5053
Phone number for information: 760-736-3277
Date Prepared: OCTOBER 1, 2002

SECTION II - Hazardous Ingredients Identity Information

Hazardous Components	OSHA PEL	ACGIH TLV	OTHER LIMITS
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Hazardous materials are not included

SECTION III - Physical/ Chemical Characteristics

Boiling Point:	N/A	Specific Gravity:	N/A
Vapor Pressure:	N/A	Melting Point:	N/A
Relative Density:	about 2.5	Evaporation rate:	N/A
Solubility in water:	Insoluble		
Appearance and odor:	White odorless powder		

SECTION IV - Fire and Explosion Hazard Data

Flash point (method used)	N/A		
Flammability (explosive limits)	N/A		
LEL:	N/A	UEL:	N/A
Extinguishing media:	N/A		
Special fire fighting procedures:	N/A		
Unusual fire and explosion hazards:	N/A		

SECTION V - Reactivity Data

Stability:	Unstable:	Stable:	X
Conditions to avoid:	N/A		
Incompatibility (materials to avoid)	N/A		
Hazardous decomposition or byproducts:	N/A		
Hazardous polymerization	N/A	May occur:	Will not occur: X
Conditions to avoid (polymerization):			

SECTION VI - Health Hazard Data

Route(s) of entry:	Inhalation? Possible	Skin?:	N/A	Ingestion?:	Possible
Health hazards (acute and chronic)	Eye contact may cause a scratch to the cornea.				
Carcinogenicity:	NO	NTP?:	N/A	IARC:	N/A
		OSHA Regulated?:	N/A		

Signs and symptoms of exposure: Skin or eye irritation
Medical conditions generally aggravated by exposure: Unknown
Emergency first aid procedures: Eyes: flush promptly w/ flowing water. Consult physician if necessary
Skin contact: Wash area w/ mild soap & water. Ingestion: Consult w/ physician if necessary.

SECTION VII - Precautions for safe handling use

Steps to be taken in case material is released or spilled: Wipe up and discard in a suitable container.

Waste disposal methods: Disposal in accordance with federal, state, and local regulations.

Precautions to be taken in handling and storage: Store in a cool area with lid tightly closed.
Avoid prolonged inhalation.

Other precautions: Handling of product exclusively by dental professionals according to instructions for use.

SECTION VIII - Control Measures

Respiratory protection:	Dustmask (maybe)
Ventilation:	Normal ventilation
Protective Gloves:	Latex gloves (may be required)
Eye Protection:	Safety goggles (may be required)
Other protective clothing or equipment:	
Work/ Hygienic practices:	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. 1218-0022



IDENTIFY (As Used on Label and LHM)
CoreShade GlasIonomer Base Powder

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 01/10/2013	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identify Information

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

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 Color	White, odorless powder		

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				

CoreShade GlasIonomer Base Powder

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid
	Stable	X
Incompatibility (Materials to Avoid)	N/A	
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? May be possible	Skin?	N/A	Ingestion? May be possible
Health Hazards (Acute and Chronic)	No data			

Carcinogenicity:	NTP?	N/A	IARC Monographs?	N/A	OSHA Regulated?	N/A
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Signs and Symptoms of Exposure: Contact with eyes may cause irritation due to foreign body reaction.

Medical Conditions Generally Aggravated by Exposure: Unknown

Emergency and First Aid Procedures:
Eye contact: Flush promptly with flowing water. If irritation develops, consult a physician. Ingestion: Drink plenty of water. Consult a physician if necessary.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled:
Wipe up and discard in a suitable container.

Waste Disposal Method: Disposal must be in accordance with federal, state, and local regulations.

Precautions to Be Taken in Handling and Storage: Store in a cool area with lid tightly closed.

Other Precautions: Handling of the product exclusively by dental specialists according to the instructions for use.

Section VIII - Control Measures

Respiratory Protection (Specify Type)	N/A		
Ventilation	Local Exhaust	Special	
	Mechanical (General)	Other	
Protective Gloves	N/A	Eye Protection	May be required
Other Protective Clothing or Equipment	N/A		
Work/Hygiene Practices	Avoid eye contact		

SAFETY DATA SHEET

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

1.1 Product Name:

CoreShade GlasIonomer Base Cement "POWDER"

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

PHYSICAL HAZARDS	FLAMMABLE SOLIDS	Not Classified
	PYROPHORIC SOLIDS	Not Classified
	SELF-HEATING SUBSTANCES AND MIXTURES	Not Classified
	SUBSTANCES AND MIXTURES WHICH,IN CONTACT WITH WATER,EMIT FLAMMABLE GASAS	Not Classified
HEALTH HAZARDS	OXIDIZING SOLIDS	Not Classified
	ACUTE TOXICITY-ORAL	Not Classified
	EYE DAMAGE/IRRITATION	Category 2B
	SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)	Category 2(lung)

The thing without mention is out of a classification object. Or cannot classify it.

LABEL ELEMENTS

SYMBOL



SIGNAL WORD

Warning

HAZARD STATEMENTS

Causes eye irritation
Warning May cause damage to organs through prolonged or repeated exposure(lung)

PRECAUTIONARY STATEMENTS

[Prevention]
Obtain special instruction before use.
Do not handle until all safety precautions have been read and understood.
Wear protective gloves/protective clothing/eye protection/face protection.
Do not breathe dust.
Wash hands thoroughly after handling.
[Response]
Get medical advice/attention if you feel unwell.
IF IN EYES: Rinse cautiously with water for several minutes.

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Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

[Storage]

Store in a cool and dark area.

[Disposal]

Dispose of contents and container in accordance with regulation.

3. Composition/information on ingredients

<i>Composition</i>	<i>Content</i>
Alumino fluoro silicate glass	≐ 85%
Barium sulphate	≐ 15%

Others

Hazardous ingredients are not include.

4. First-aid measures

4.1 Eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice/attention.

4.2 Skin contact : Wash immediately with soap and plenty of water. If on skin, skin irritation, get medical advice/attention.

4.3 Ingestion : Rinse mouth and seek medical advice if necessary.

4.4 Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptom concerning breath goes out, call a POISON CENTER to doctor.

5. Fire-fighting measures

This product is non-flammable.

5.1 Suitable Extinguishing Media: N/A

5.2 Extinguishing Media Should not be used : N/A

5.3 Special Exposure Hazards Arising: N/A

5.4 Special Protective Equipment: N/A

6. Accidental release measures

6.1 Personal Precautions: See section 8. Avoid contact with eyes and skin.

6.2 Environmental Precautions: Send to approved treatment/disposal company or dispose according to local, state and federal regulations.

6.3 Methods for Cleaning Up: Wipe up and discard in a suitable container.

7. Handling and storage

7.1 Handling: Local dust extraction measures are recommended. Avoid prolonged inhalation. Handling of the product exclusively restrict to dental specialists, according to the instruction for use.

7.2 Storage: Store in a cool and dry conditions with lid tightly closed.

8. Exposure controls/personal protection

8.1 Exposure limits: ACGIH TLV.
None assigned.

8.2 Respiratory Protection: Dust mask(may be)

8.3 Hand Protection: Latex or rubber gloves

8.4 Eye Protection: Safety goggles or eye protection.

8.5 Skin Protection: Not required. General protective overalls.

SAFETY DATA SHEET

9. Physical and chemical properties

9.1 Appearance/Odour/pH	Yellowish white odorless powder
9.2 Boiling Point/Boiling Range:	N/D
9.3 Melting Point/Melting Range:	N/D
9.4 Flash point:	N/D
9.5 Auto flammability:	N/D
9.6 Explosive Properties:	N/D
9.7 Oxidizing Properties:	N/D
9.8 Vapour Pressure:	N/D
9.9 Relative Density:	$\approx 2.3 \text{ g/cm}^3$
9.10 Solubility: water solubility	Insoluble

10. Stability and reactivity

10.1 Stability:	Stable under recommended storage conditions.
10.2 Reactivity:	N/A
10.3 Condition to avoid:	Avoid direct sunlight and high temperature.
10.4 Materials to avoid:	N/A

11. Toxicological information

No information

12. Ecological information

No information

13. Disposal considerations

Dispose of contents/container to in accordance with local/regional/national/international regulations.

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)