

## SAFETY DATA SHEET

**1. Identification of the substance or mixture and of the supplier***1.1 Product Name:***PRG Barrier Coat "ACTIVE"***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: +81-75-275-4795

Section in Charge: Quality Assurance Section

Date Prepared: 2013.8.20

*1.3 Emergency Telephone Number*

+81-75-561-1112

**2. Hazardous identification**

## GHS CLASSIFICATION

PHYSICAL HAZARDS	FLAMMABLE LIQUIDS	Not Classified
	CORROSIVE TO METALS	Not Classified
HEALTH HAZARDS	ACUTE TOXICITY-ORAL	Not Classified
	ACUTE TOXICITY-INHALATION(VAPOURS)	Category 4
	SKIN CORROSION/IRRITATION	Not Classified
	SENSITIZATION-RESPIRATORY	Category 1
	SENSITIZATION-SKIN	Category 1
	TOXIC TO REPRODUCTION	Not Classified

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

## LABEL ELEMENTS

## SYMBOL



## SIGNAL WORD

Danger

## HAZARD STATEMENTS

May cause allergic skin reaction

Harmful if inhaled

May cause allergy or asthma symptoms or breathing difficulties if inhaled

## PRECAUTIONARY STATEMENTS

[Prevention]

Obtain special instruction before use.

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

Wear protective gloves and eye/face protection.

Do not breathe dust/fume/gas/mist/vapours/spray.

Use only outdoors or in a well-ventilated area.

In case of inadequate ventilation wear respiratory protection.

Contaminated work clothing should not be allowed out of the workspace.

Keep container tightly closed.

Wash hands thoroughly after handling.

[Response]

If inhaled, remove victim to fresh air and keep at rest in a position

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comfortable for breathing. If symptom concerning breath gose out, call a POISON CENTER to doctor.

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

If on skin, wash with plenty of soap and water. If on skin, skin irritation, get medical advice/attention.

[Storage]

Store in a cool and dark area.(Keep refrigerated when not in use)

[Disposal]

Dispose of contents and container in accordance with regulation.

### 3.Composition/information on ingredients

#### *Composition*

Phosphonic acid monomer

Methacrylate monomer

Bis-MPEPP [Cas No.41637-38-1]

Carboxylic acid monomer

TEGDMA [Cas No.109-16-0]

Others

### 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. Get medical advice/attention.

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

### 5.Fire-fighting measures

*5.1 Suitable Extinguishing Media:* CO2, Dry chemical, Foam

*5.2 Extinguishing Media Should not be used :* N/A

*5.3 Special Exposure Hazards Arising:* In case of fire, do not breath fumes and gases. (Irritation gases and fumes may emit.)

*5.4 Special Protective Equipment:* Wear fire protective cloth and self-contained breathing apparatus if necessary.

### 6.Accidental release measures

*6.1 Personal Precautions:* N/A

*6.2 Environmental Precautions:* 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:* Avoid inhalation of grindings and prolonged skin contact with uncured resin.

*7.2 Storage:* Store in a cool and dark area.(Keep refrigerated when not in use)

### 8.Exposure controls/personal protection

*8.1 Respiratory Protection:* Not required(Use dust mask while grinding or finishing)

*8.2 Hand Protection:* Latex or rubber gloves

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8.3 *Eye Protection:* Safety goggles (May be required)  
 8.4 *Skin Protection:* Not required

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### 9. Physical and chemical properties

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9.1 <i>Appearance/Odour/pH</i>	Colorless liquid with sweet odor
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>	> 95
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>	1.02
9.10 <i>Solubility: water solubility</i>	Soluble

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### 10. Stability and reactivity

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10.1 <i>Stability:</i>	Stable under the normal condition.
10.2 <i>Reactivity:</i>	N/A
10.3 <i>Condition to avoid:</i>	Sunlight, Heating, High temperature
10.4 <i>Materials to avoid:</i>	Acid, Alkali, Oxidation-related material

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### 11. Toxicological information

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No information

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### 12. Ecological information

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The product should not be allowed to drain into sewers.

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### 13. Disposal considerations

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

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### 14. Transport information

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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.

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### 15. Regulatory information

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Follow all regulations in your country.

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### 16. Other information

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