

MATERIAL SAFETY DATA SHEET

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

1.1 Product Name:

TRAY RESIN & TRAY RESIN II " POWDER "

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 2011.9.28

1.3 Emergency Telephone Number

+81- 75- 561- 1112

2 Hazards identification

GHS CLASSIFICATION

HEALTH HAZARDS ACUTE TOXICITY- ORAL	Not Classified
ACUTE TOXICITY- DERMAL	Not Classified
ACUTE TOXICITY- INHALATION(VAPOURS)	Not Classified
EYE DAMAGE/IRRITATION	Not Classified
SENSITIZATION- RESPIRATORY	Category 1
SENSITIZATION- SKIN	Category 1
GERM CELL MUTAGENICITY	Not Classified
TOXIC TO REPRODUCTION	Category 1A
SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE)	Category 2(central nervous system,visual organ,systemic toxicity)
SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)	Category 2(central nervous system,visual organ,systemic toxicity,respiratory)
ENVIRONMENTAL HAZARD	
HAZARDOUS TO THE AQUATIC ENVIRONMENT- ACUTE HAZARD	Not Classified
HAZARDOUS TO THE AQUATIC ENVIRONMENT- CHRONIC HAZARD	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
 May cause allergy or asthma symptoms or breathing difficulties if inhaled
 May damage fertility or the unborn child
 Causes damage to organs
 (central nervous system,visual organ,systemic toxicity)
 Warning May cause damage to organs through prolonged or repeated exposure.(central nervous system,visual organ,systemic toxicity,

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respiratory)

PRECAUTIONARY STATEMENTS

[Prevention]

Obtain special instruction before use.
 Wear protective gloves and eye/face protection.
 Do not breathe dust/fume/gas/mist/vapours/spray.
 Do not eat, drink or smoke when using this product.
 Wash hands thoroughly after handling

[Response]

If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing.
 If you feel unwell, 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 dark and cool place indoors, with containers tightly closed.

[Disposal]

Dispose of contents and container in accordance with regulation.

3. Composition/information on ingredients

	%
Polymer Resin	≥ 97
PMMA [Cas No.9011-14-7]	
Copolymer of methacrylate [Cas No.25685-29-4]	
Copolymer of vinylacetate and vinylchloride [Cas No.9003-22-9]	
Benzoyl peroxide [Cas No.94-36-0]	< 1
Others	< 3

4. First-aid measures

- 4.1 *Eye contact* : Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.
- 4.2 *Skin contact* : Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.
- 4.3 *Ingestion* : Do not induce vomiting. Get medical aid.
- 4.4 *Inhalation* : Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

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*: Vapor of methacrylate monomer and carbon monoxide may occur in fire.
- 5.4 *Special Protective Equipment*: Wear fire protective cloth and self-contained breathing apparatus, if necessary.

6. Accidental release measures

- 6.1 *Personal Precautions*: Avoid eye and skin contact. See section 8.
- 6.2 *Environmental Precautions*: Send to approved treatment/disposal company or dispose according to local, state and federal

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6.2 Methods for Cleaning Up:

regulations.
Sweep up carefully and completely to prevent slipping accident.

7. Handling and storage

7.1 Handling: Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.
7.2 Storage: Store under normal dry conditions. Keep containers closed.

8. Exposure controls/personal protection

8.1 Exposure limits: N/A
8.2 Respiratory Protection: Not required (use protective dust mask, if necessary)
8.3 Hand Protection: Latex or rubber gloves.
8.4 Eye Protection: Safety goggles (May be required)
8.5 Skin Protection: Not required (Observe normal care when working with chemicals.)

9. Physical and chemical properties

9.1 Appearance/Odour: Odourless pink or blue colored 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: ≈ 1.2 (water=1)
9.10 Solubility: water solubility Insoluble

10. Stability and reactivity

10.1 Stability: Stable under normal temperatures and pressures.
10.2 Condition to Avoid: Strong acid and oxidizing materials.
10.3 Materials to Avoid: Methyl metacrylate monomer and carbon mono- oxide on burning

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.

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16. Other information

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