

# MATERIAL SAFETY DATA SHEET

Lamina smoother t.xls

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## 1. Identification of the Product and the Company

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### 1.1 Product Name:

Lamina-smoother

### 1.2 Company /Undertaking identification

Manufacturer's Name: SHOFU INC.

Address: 11-Kamitakamatsu-Cho Fukunine Higashiyamaku Kyoto 605-0983, JAPAN

Phone Number for Information: 81-75-561-1112

Signature of Preparer:

Date Prepared: 2007.11.07

### 1.3 Emergency Telephone Number

'81-75-561-1112

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## 2. Composition/Information on Ingredients

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No hazardous materials are present in the ingredients.

<i>Chemical name</i>	<i>CAS No.</i>	<i>Mass %</i>
1,1-dichloro-1-fluoroethane	1717-00-6	85—95 %
2-Propanol	67-63-0	5— 8 %
others		

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## 3. Hazardous Identification

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3.1 *Route of Entry* Inhalation: May be Skin: May be Ingestion: May be

3.2 *Health Hazard(Acute and Chronic)* Eyes and skin contact may cause irritation.

3.3 *Carcinogenicity* No

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## 4. First Aid Measures

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4.1 *Eye contact* Rinse immediately with plenty of water and seek medical advice, if necessary.

4.2 *Skin contac* Wash with water and soap.

4.3 *Ingestion* : Rinse mouth. Do not induce vomiting. Rest. Seek medical advice, if necessary.

4.4 *Inhalation*: Move to the fresh air and rest.

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## 5. Fire-fighting Measures

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5.1 *Suitable Extinguishing Media*: Powder, foam, water in large amounts, carbon dioxide

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

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## 6. Accidental Release Measures

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6.1 *Personal Precautions*: Avoid contact with eyes and skin.

6.2 *Methods for Cleaning Up*: Wipe up and collect leaking liquid in sealable containers.

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## 7. Handling And Storage

*7.1 Handling:* NO open flames, NO sparks, and NO smoking in a well ventilated place.

*7.2 Storage:* Avoid fireproof and source of ignition. Separated from strong oxidants. Cool. Well closed.

## 8. Exposure Controls/Personal Protection

<i>8.1 Exposure limits:</i>	<i>Chemical name</i>	<i>CAS No.</i>	<i>ACGIH TLV</i>
	2-Propanol	67-63-0	200 ppm(TWA); 400 ppm(STEL)

*8.2 Respiratory Protection:* Ventilation, local exhaust apparatus.

*8.3 Hand Protection:* protective 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:* Colourless liquid with very slightly smell

*9.2 Boiling Point/Boiling Range:* 32 °C(as HCFC-141b), 83°C(as 2-Propanol)

*9.3 Melting Point/Melting Range:*

*9.4 Flash point:* 11.7°C(as 2-Propanol)

*9.5 Auto flammability:*

*9.6 Explosive Properties:*

*9.7 Oxidizing Properties:*

*9.8 Vapour Pressure:* 707 mmHg

*9.9 Relative Density:* approx. 1.3

*9.10 Solubility: water solubility:* Soluble

## 10. Stability And Reactivity

*10.1 Condition to Avoid:* N/A

*10.2 material to Avoid :* N/A

*10.3 Hazardous Decomposition Products:* N/A

## 11. Toxicological Information

## 12. Ecological Information

## 13. Disposal Conditions

Don't discard into drain . Disposal in accordance with federal, state and local regulations.

## 14. Transport Information

UN Hazard Class: 3, Pack Group: II (as 2-Propanol)

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## 15.Regulatory Information

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N/A

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## 16.Other Information

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Handling of this product exclusively by dental specialists according to instruction for use.