

SAFETY DATA SHEET

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

1.1 Product Name:

SOLIDEX "METAL PHOTO PRIMER"

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: +81-75-275-4795

Section in Charge: Quality Assurance Section

Date Prepared: 2014.9.29

1.3 Emergency Telephone Number

+81-75-561-1112

2. Hazards identification

GHS CLASSIFICATION

PHYSICAL HAZARDS	FLAMMABLE LIQUIDS	Category 2
HEALTH HAZARDS	ACUTE TOXICITY-ORAL	Not Classified
	ACUTE TOXICITY-DERMAL	Not Classified
	SKIN CORROSION/IRRITATION	Not Classified
	EYE DAMAGE/IRRITATION	Category 2A
	SENSITIZATION-SKIN	Not Classified
	GERM CELL MUTAGENICITY	Not Classified
	TOXIC TO REPRODUCTION	Category 2
	SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE)	Category 3(narcotic effects,respiratory tract irritation)
	SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)	Category 2(blood)

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

LABEL ELEMENTS

SYMBOL



SIGNAL WORD

Danger

HAZARD STATEMENTS

Highly flammable liquid and vapor
 Causes serious eye irritation
 May cause allergy or asthma symptoms or breathing difficulties if inhaled
 May cause respiratory irritation,or May cause drowsiness and dizziness
 Suspected of damaging fertility or unborn child
 Warning May cause damage to organs through prolonged or repeated exposure(blood)

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.

SAFETY DATA SHEET

Do not breathe dust/mist/vapours.
 Do not eat, drink or smoke when using this product.
 Keep away from ignition sources such as heat/sparks/open flames—No smoking.
 Use only non-sparking tools.
 Use only outdoors or in a well-ventilated area.
 Keep container tightly closed.
 Wash hands thoroughly after handling.
 [Response]
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 Get medical advice/attention if you feel unwell.
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water /shower.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.
 [Storage]
 Store container tightly closed in cool/well-ventilated place.
 [Disposal]
 Dispose of contents and container in accordance with regulation.

3. Composition/information on ingredients

<i>Hazardous Composition</i>	%	Hazardous
Acetone[Cas No.67-64-1]	≅80	F
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 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

- 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:* Easily flammable liquid in room temp.
- 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 contact. See section 8.
- 6.2 Environmental Precautions:* Send to approved treatment/disposal company or dispose according to local, state and federal regulations.

SAFETY DATA SHEET

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

7. Handling and storage

- 7.1 Handling:* Handle in a well ventilated place.
Avoid prolonged skin contact with uncured resin.
Keep away from naked flames, sparks and sources of heat. No smoking.
- 7.2 Storage:* Store in a cool and dark area with container tightly closed.
(Keep refrigerated when not in use)

8. Exposure controls/personal protection

- 8.1 Exposure limits:*
Acetone [Gas No.67-64-1]:
-OSHA Permissible Exposure Limit (PEL): 1000 ppm (TWA)
-ACGIH Threshold Limit Value (TLV): 500 ppm (TWA),
750 ppm (STEL) A4 – not classifiable as a human carcinogen
- 8.2 Respiratory Protection:* Not required (use protective gas mask for organic gas, 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

9. Physical and chemical properties

- 9.1 Appearance/Odor/pH* Colorless liquid with sweet odor
- 9.2 Boiling Point/Boiling Range:* $\approx 60^{\circ}\text{C}$
- 9.3 Melting Point/Melting Range:* N/D
- 9.4 Flash point:* $\approx 2^{\circ}\text{C}$ (close)
- 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:* 0.83 (water=1)
- 9.10 Solubility: water solubility* Soluble in all purport

10. Stability and reactivity

- 10.1 Stability:* Stable under normal temperatures and pressures.
- 10.2 Condition to Avoid:* Excessive heat (high temperature), open flames, ignition source, and exposure to sunlight.
- 10.3 Materials to Avoid:* Strong oxidizing materials.
- 10.5 Hazardous Decomposition Products:*
Carbon dioxide and carbon monoxide may form when heated to decomposition.

11. Toxicological information

Acetone:
Oral rat LD50: 5800 mg/kg; Inhalation rat LC50: 50,100mg/m³; Irritation eye rabbit, Standard Draize, 20 mg severe; investigated as a tumorigen, mutagen, reproductive effector.
Inhalation of the vapor, may cause headache, dizziness and vomiting.
Repeated contact to the mucous membrane of eyes, nose and throat cause inflammation.

SAFETY DATA SHEET

12. Ecological information

The product should not be allowed to drain into sewers.

13. Disposal considerations

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

14. Transport information

UN Hazard Class:3/UN Packing Group: II
UN NO.1090 (as Acetone)

15. Regulatory information

Follow all regulations in your country.

16. Other information

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