

## Material Safety Data Sheet

Product Name: SHARPIE PAINTABLE URETHANE

PUC1-02

### SECTION 1 - IDENTIFICATION

Manufacturer's Name:

Sharp Chemical Ind. Co., Ltd.

Emergency Telephone No.:

+81-72-268-0321

Address:

13-12, Chikkohamaderanishi-machi, Sakai Osaka, 592-8352 Japan

### SECTION 2- HEALTH HAZARD DATA

GHS

PHYSICAL-CHEMICAL HAZARD DATA

Not applicable

TOXIC DATA FOR HEALTH

CLASSIFICATION

Acute Toxicity(Ingestion)	Classification not possible
Acute Toxicity(Percutaneous)	Classification not possible
Acute Toxicity(Inhalation:Gas)	Not applicable
Acute Toxicity(Inhalation:steam)	Classification not possible
Acute Toxicity(dust,mist)	Classification not possible
Skin Irritation	Classification not possible
Eye Irritation	Classification not possible
Respiratory Sensitization	Classification not possible
Skin Sensitization	Classification not possible
Germ-cell Mutagenicity	Classification not possible
Carcinogenicity	Classification not possible
Reproductive Toxicity	Classification not possible
Target Organ/Systemic Toxicity(Single Exposition)	Classification not possible
Target Organ/Systemic Toxicity(repetitive Exposition)	Classification not possible
Aspiration Toxicity	Classification not possible

ECOLOGICAL INFORMATION

Aquatic Ecological Toxicity(Acute)	Classification not possible
Aquatic Ecological Toxicity(Chronic)	Classification not possible

## GHS LABEL ELEMENTS

## 【SYMBOL】

Not applicable

## 【SYGNAWORD】

Not applicable

## 【HAZARD STATEMENT】

Not applicable

## 【ATTENTION】

Keep away from heat, spark, or flame (P210)

No eating or smoking during operation (P270)

Wear protective gloves, glasses, masks, and cloths. (P280)

Use in well-ventilated area. (P271)

Wash hands after touching the material. (P264)

Read and understand the manual before the operation (P202)

Dispose the waste follow the method.

If get the material on your skin or hair, wash off with a plenty of water and soap. (P302+P352)

If you had irritation, please seek medical advice. (P332+P313)

If get the material in your eyes, please flush with a plenty of water for a minutes. If wear contact lens, please take them off (do not force)and seek medical advice. (P305+P351+P313)

If swallow the material, wash mouth with water and obtain medical attention immediately. Do not force the victim to vomit. (P301+P310+P330)

If inhale, remove the victim to fresh air, and obtain medical attention. (P304+P312+P340)

Stay away from direct sunlight, heat, and humidity. (P410+P403)

## SECTION 3 – INFORMATION ON INGREDIENTS

Hazardous Classification: not regulated

General Name:One-part polyurethane non-bleeding type sealant

Components	CAS. No.	Content %	Notice Through Official Gazettes Number
Urethane resin	Trade secret	40-50	Trade secret
Calcium carbonate	471-34-1	40-50	1-122
High boiling hydrocarbon	90622-57-4	<5	9-1690
Additive	Trade secret	<5	Trade secret

## SECTION 4 – FIRST AID PROCEDURES

Skin: Wash material off of the skin with plenty of soap and water. If redness, itching, or a burning sensation develops, get medical attention.

- Eyes: Immediately flush with plenty of water for at least 15 minutes. If redness, itching, or a burning sensation develops, have eyes examined and treated by medical personnel.
- Ingestion: Give 1 or 2 glasses of water to drink and refer person to medical personnel (Never give anything by mouth to an unconscious person.)
- Inhalation: Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.

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## SECTION 5 – FIRE AND EXPLOSION HAZARD DATA

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- Extinguishing media: ABC or BC type powder extinguisher, carbon dioxide, dry chemical
- Banned extinguishing media: Not applicable
- Specific fire fighting protective equipment:  
Self contained breathing apparatus with full face piece and protective clothing.

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## SECTION 6 – LEAK CLOSURE PROCEDUREY

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Protection, and emergency operation	Wear propriate cloth during operation. Keep away from flammable material and people.
Precaution for ecology	Do not dispose leaking water to sewage or ditch. Swipe the waste with fabric, and put them into a airtight container. In case of the waste is in large amount, surround with sands and be sure to be safe to operate.

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## SECTION 7– SPECIAL PROTECTION INFORMATION

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- No use of fire, sparks, and heat
- Wear protective clothing to avoid covering the materials on your skin
- Use in well-ventilated area
- Do not leave the materials on your skin or cloths, and wash off with plenty of water

- Storage: Keep the products out of reach of children  
Keep in cool, dry and dark, keep away from heat, sparks , direct sun light and flame

SECTION8-FACILITY AND PRITECTIVE EQUIPMENT

Material	Controlled consistency	Japanese Society of Occupation Health	ACGIH
Not applicable			

Facility

Do not keep ignition source in the facility  
 If the area is airtighted, ventilation equipment is needed.  
 Disaster preventing sprinkler and equipment for washing hands and eyes are needed.

Protective Equipment

Eye Protection	Protective glasses
Skin Protection	Protective Rubber gloves
Respiratory Protection	Gas mask
	Air-supplied mask

SECTION 9- PHYSICAL DATA

Appearance	Paste
Odor	Solvents
PH	No data
Melting point	No data
Boiling point	No data
Flash point	75°C
Ignition point	>250°C
Explosion area	No data
Steam density	No data
Density	1.30~1.40
Solubility	No data
Octanol/partition coefficient	No data
Resolution point	No data
Others	No data

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 SECTION 10 – REACTIVITY DATA
 

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Stability: Stable under normal conditions.

Condition to Avoid:

Material starts to cure in the presence of humid air or moisture

Hazardous decomposition products:

During a fire this material may foam carbon dioxide, carbon monoxide and nitrogen oxide

Hazardous polymerization: Will not occur

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 SECTION 11–TOXIC INFORMATION
 

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Acute Toxicity(Ingestion)	Not applicable
Acute Toxicity(Percutaneous)	
Acute Toxicity(Inhalation:steam)	
Acute Toxicity(dust,mist)	
Skin Irritation	
Eye Irritation	
Respiratory Sensitization	
Skin Sensitization	
Germ-cell Mutagenicity	
Carcinogenicity	
Reproductive Toxicity	
Target Organ/Systemic Toxicity(Single Exposition)	
Target Organ/Systemic Toxicity(repetitive Exposition)	
Aspiration Toxicity	

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 SECTION 12–ECOTOXICITY INFORMATION
 

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Aquatic Ecological Toxicity(Acute)	Not applicable
Aquatic Ecological Toxicity(Chronic)	

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## SECTION 13-DISPOSAL CONSIDERATIONS

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Steps to be taken in case material is released or spilled:

Wear respiratory protection during cleanup. Sweep up and recover or mix material with a moist absorbent and shovel into a chemical waste container. Do not work at the leeward.

Disposal method: Discarded product is not a hazardous waste.

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## SECTION 14-TRANSPORT INFORMATION

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Land transportation	Follow fire defense and road Law
Maritime transportation	Follow ship safety law
Air transportation	Follow aviation law
United nation classification	Not applicable
United nation number	Not applicable
Special security measures	Prevent falling, dropping, or damages when loading products.

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## SECTION 15-REGULATORY INFORMATION

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Follow all regulations in your country.

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## SECTION 16-DISCLAIMER

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