

Safety Data Sheet

Product Name: SHARPIE URETHANE PRO U1NB

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name:

Sharp Chemical Ind. Co., Ltd.

Emergency Telephone No.:

+81-72-268-0321

Address:

13-12, Chikkohamaderanishi-machi, Nishi-ku, Sakai City, Osaka, 592-8352 Japan

SECTION 2- HAZARDS IDENTIFICATION

GHS CLASSIFICATION**PHYSICAL HAZARDS:**

Not applicable

HEALTH HAZARDS:**CLASSIFICATION**

Acute toxicity(oral)	Not classified
Acute toxicity(Dermal)	Classification not possible
Acute toxicity(Inhalation: Gas)	Not applicable
Acute toxicity(Inhalation: steam)	Not classified
Acute toxicity(Inhalation: dust, mist)	Classification not possible
Skin corrosion/irritation	Not classified
Serious eye damage/Eye irritation	Category 2A
Respiratory sensitizer	Classification not possible
Skin sensitizer	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (Single exposure)	Not classified
Specific target organ toxicity (Repeated exposure)	Not classified
Aspiration hazard	Not classified

ENVIRONMENTAL HAZARDS:

Hazardous to the aquatic environment (Acute)	Category 3
Hazardous to the aquatic environment (Chronic)	Category 3
Hazardous to the ozone layer	Classification not possible

GHS LABEL ELEMENTS
【SYMBOL】**【SYGNAI WORD】**

Warning

【HAZARD STATEMENT】

Causes serious eye irritation.

Harmful to aquatic life.

Harmful to aquatic life with long lasting effects.

【PRECAUTIONARY STATEMENT】**《Prevention》**

Wash pollution point thoroughly after handling.

Avoid release to the environment.

Wear protective gloves/protective clothing/eye protection/face protection.

《Responses》

If eye irritation persists: Get medical advice/attention.

Get medical advice/attention if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

《Disposal》

Dispose of contents/container in according with the law.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Single Substance or Compound: Mixture**General Name:** One-part polyurethane sealant**Main components and content**

Components	CAS. No.	Content (%)	Notice Through Official Gazettes Number
Polyurethane resin	registered	45-55	registered
Inorganic filler	471-34-1	30-40	1-122
Mineral spirit	8052-41-3	10-20	9-1702
Xylene	1330-20-7	<0.3	3-3
Trimethylbenzene	25551-13-7	1-5	3-3427

SECTION 4 – FIRST AID MEASURES

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.

SECTION 5 – FIRE –FIGHTING MEASURES

Extinguishing media: Dry chemical powder, dry sand, carbon dioxide and foam.

Banned extinguishing media: Not applicable

Specific fire fighting protective equipment:

Self contained breathing apparatus with full face piece and protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Protection, and emergency operation : Wear appropriate 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.

SECTION 7– HANDLING AND STORAGE

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

SECTION 8– EXPOSURE CONTROLS/ PERSONAL PROTECTION

Material	Controlled consistency	Japanese Society of Occupation Health	ACGIH
Trimethylbenzene	—	—	25ppm

Facility

Do not keep ignition source in the facility
If the area is airtightened, 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 AND CHEMICAL PROPERTIES

Appearance	Paste
Odor	Petroleum odor
PH	No data
Melting point	No data
Boiling point	No data
Flash point	47°C
Ignition point	No data
Explosion area	No data
Steam density	No data
Density	1.24
Solubility	Unsoluble in water
Octanol/partition coefficient	No data
Resolution point	No data
Others	No data

SECTION 10 – STABILITY AND REACTIVITY

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

SECTION 11- TOXICOLOGICAL INFORMATION

Acute toxicity(oral)	Mineral spirit	LD50 >5000mg/kg
	Xylene	LD50 3500mg/kg
	Trimethylbenzene	LD50 8970mg/kg
Acute toxicity(Dermal)	Mineral spirit	Classification not possible
	Xylene	Classification not possible
	Trimethylbenzene	Classification not possible
Acute toxicity(Inhalation: steam)	Mineral spirit	Classification not possible
	Xylene	LC50 6700ppm
	Trimethylbenzene	Classification not possible
Acute toxicity(Inhalation: dust, mist)	Mineral spirit	Classification not possible
	Xylene	Classification not possible
	Trimethylbenzene	Classification not possible
Skin corrosion/irritation	Mineral spirit	Category 2
	Xylene	Category 2
	Trimethylbenzene	Category 2
Serious eye damage/Eye irritation	Mineral spirit	Not classified
	Xylene	Category 2A
	Trimethylbenzene	Category 2B
Respiratory sensitizer	Mineral spirit	Classification not possible
	Xylene	Classification not possible
	Trimethylbenzene	Classification not possible
Skin sensitizer	Mineral spirit	Classification not possible
	Xylene	Classification not possible

	Trimethylbenzene	Classification not possible
Germ cell mutagenicity	Mineral spirit	Not classified
	Xylene	Not classified
	Trimethylbenzene	Classification not possible
Carcinogenicity	Mineral spirit	Classification not possible
	Xylene	Not classified
	Trimethylbenzene	Classification not possible
Reproductive toxicity	Mineral spirit	Not classified
	Xylene	Category 1B
	Trimethylbenzene	Classification not possible
Specific target organ toxicity (Single exposure)	Mineral spirit	Category 3
	Xylene	Category 1, category 3
	Trimethylbenzene	Category 3
Specific target organ toxicity (Repeated exposure)	Mineral spirit	Category 2
	Xylene	Category 1
	Trimethylbenzene	Category 2
Aspiration hazard	Mineral spirit	Category 1
	Xylene	Category 2
	Trimethylbenzene	Category 1

SECTION 12- ECOLOGICAL INFORMATION

Hazardous to the aquatic environment (Acute)	Mineral spirit	Category 1
	Xylene	Category 2
	Trimethylbenzene	Category 2
Hazardous to the aquatic environment (Chronic)	Mineral spirit	Category 2

	Xylene	Not classified
	Trimethylbenzene	Category 2
Hazardous to the ozone layer	Mineral spirit	Classification not possible
	Xylene	Classification not possible
	Trimethylbenzene	Classification not possible

SECTION 13- DISPOSAL CONSIDERATION

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.

SECTION 14- TRANSPORT INFORMATION

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
Packing group	Not applicable
Special security measures	Prevent falling, dropping, or damages when loading products.

SECTION 15- REGULATORY INFORMATION

Follow all regulations in your country.

SECTION 16- OTHER INFORMATION

The information herein is believe to be accurate but is not warranted to be whether it originated with Sharp Chemical Ind. Co., Ltd. or not. Much of the information contained in this material Safety Data Sheet originates from suppliers: this information cannot be warranted by Sharp Chemical to be correct or appropriate for the recipient's intended use. Recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.