

Safety Data Sheet

Product Name: SHARPIE PRIMER P-50

SECTION 1 – IDENTIFICATION

Manufacturer's Name:

Sharp Chemical Ind. Co., Ltd.

Address:

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Emergency Telephone No.:

+81-72-268-0321

SECTION 2- HAZARDS IDENTIFICATION

GHS CLASSIFICATION

PHYSICAL HAZARDS

Flammable liquids	Category 2
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HEALTH HAZARDS

	CLASSIFICATION
Acute toxicity (oral)	Not classified
Acute toxicity (Dermal)	Not classified
Acute toxicity (Gases)	Not applicable
Acute toxicity (Vapours)	Category 4
Acute toxicity (Dusts and mists)	Classification not possible
Skin corrosion/irritation	Not classified
Serious eye damage/Eye irritation	Category 2
Respiratory sensitization	Classification not possible
Skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Classification not possible
Reproductive toxicity	Classification not possible
Specific target organ toxicity–single exposure	Category 3
Specific target organ toxicity–repeated exposure	Not classified
Aspiration hazard	Category 1

ENVIRONMENTAL HAZARDS

Hazardous to the aquatic environment, short-term (Acute)	Category 3
Hazardous to the aquatic environment, long-term (Chronic)	Category 3
Hazardous to the ozone layer	Classification not possible

GHS LABEL ELEMENTS**【SYMBOL】****【SYGNAWORD】**

Danger

【HAZARD STATEMENTS】

Highly flammable liquid and vapors. (H225)
Harmful if inhaled. (H332)
Causes eye irritation. (H320)
Causes damage to organs (respiratory system). (H370)
May cause drowsiness or dizziness. (H336)
May be fatal if swallowed and enters airways. (H304)
Harmful to aquatic life with long lasting effects. (H412)

【PRECAUTIONARY STATEMENTS】

《PREVENTION》

Keep away from heat, hot, surfaces, sparks, open flames, and other ignition sources. No smoking. (P210)
Do not breathe dust/fume/gas/mist/vapors/spray. (P260)
Keep container tightly closed. (P233)
Ground and bond container and receiving equipment. (P240)
Use explosion -proof [electrical/ventilating/lighting] equipment. (P241)
Use non-sparking tools. (P242)
Take action to prevent static discharges. (P243)
Avoid breathing dust/fume/gas/mist/vapors/spray. (P261)
Wash pollution point thoroughly after handling. (P264)
Do not eat, drink, or smoke when using this product. (P270)
Use only outdoors or in a well-ventilated area. (P271)
Avoid release to the environment. (P273)
Wear protective gloves/protective clothing/eye protection/face protection. (P280)

《RESPONSES》

Call a POISON CENTER/doctor/if you feel unwell. (P312)
Specific treatment (see 4. first aid measures) (P321)
Do NOT induce vomiting. (P331)
IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310)
IF INHALED: Remove person to fresh air and keep comfortable for breathing. (P304+P340)
IF exposed or concerned: Call a POISON CENTER/doctor/. (P308+P311)
If eye irritation persists: Get medical advice/attention. (P337+P313)
In case of fire: Use appropriate digestive to extinguish. (P370+P378)
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. (P303+P361+P353)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)

《STORAGE》

Store locked up. (P405)

Store in a well-ventilated place. Keep container tightly closed. (P403+P233)

Store in a well-ventilated place. Keep cool. (P403+P235)

《DISPOSAL》

Dispose of contents/container according to laws and ordinances. (P501)

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**Single Substance or Compound:** Compound**General Name:** Solvent primer

Components	CAS. No.	Content(%)	Notice Through Official Gazettes Number
Urethane resin	Registered	25-35	Registered
Ethyl acetate	141-78-6	35-45	2-726
Methylcyclohexane	108-87-2	10-20	3-2230
Dimethyl carbonate	616-38-6	15-25	2-2853

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:** ABC or BC type powder extinguisher, carbon dioxide, dry chemical**Banned extinguishing media:** N/A**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- HANDRING 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

Use with adequate ventilation.

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-EXPOSURE CONTROLS / PERSONAL PTOTECTION

Material	Controlled consistency	Japanese Society of Occupation Health	ACGIH
Ethyl acetate	200ppm	200ppm	TLV-TWA 400ppm
Methyl cyclohexane	—	400ppm	TLV-TWA 400ppm

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 AND CHEMICAL PROPERTIES

Appearance	Liquid
Odor	Peculiar odor
PH	No data
Melting point	-84°C (Ethyl acetate)
Boiling point	77~101°C
Flash point	-4°C (Ethyl acetate)
Ignition point	427°C (Ethyl acetate)
Explosion area	Minimum 2.2vol%, Max 11.5vol% (Ethyl acetate)
Steam density	No data
Density	0.96
Solubility	Soluble in an organic solvent
Octanol/partition coefficient	No data
Resolution point	No data
Others	No data

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Reactive hazardous:

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

Conditions to Avoid:

Storage in hot and humid place.

Hazardous decomposition products:

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

SECTION 11-TOXICOLOGICAL INFORMATION

Acute toxicity (oral)	Ethyl acetate	LD50 >5000 mg/kg
	Methyl cyclohexane	LD50 1200 mg/kg
Acute toxicity (Dermal)	Ethyl acetate	LD50 18000mg/kg
	Methyl cyclohexane	LD50 86700mg/kg
Acute toxicity (Vapours)	Ethyl acetate	LC50 57.6mg/L
	Methyl cyclohexane	LC50 26.1mg/L
Acute toxicity (Dusts and mists)	Ethyl acetate	Classification not possible
	Methyl cyclohexane	Classification not possible

Skin corrosion/irritation	Ethyl acetate	Not classified
	Methyl cyclohexane	Category 3
Serious eye damage/Eye irritation	Ethyl acetate	Category 2B
	Methyl cyclohexane	Category 2B
Respiratory sensitization	Ethyl acetate	Classification not possible
	Methyl cyclohexane	Classification not possible
Skin sensitization	Ethyl acetate	Not classified
	Methyl cyclohexane	Classification not possible
Germ cell mutagenicity	Ethyl acetate	Not classified
	Methyl cyclohexane	Classification not possible
Carcinogenicity	Ethyl acetate	Classification not possible
	Methyl cyclohexane	Classification not possible
Reproductive toxicity	Ethyl acetate	Classification not possible
	Methyl cyclohexane	Classification not possible
Specific target organ toxicity–single exposure	Ethyl acetate	Category 1、3
	Methyl cyclohexane	Category 3
Specific target organ toxicity–repeated exposure	Ethyl acetate	Classification not possible
	Methyl cyclohexane	Classification not possible
Aspiration hazard	Ethyl acetate	Classification not possible
	Methyl cyclohexane	Category 1

SECTION 12–ECOLOGICAL INFORMATION

Hazardous to the aquatic environment, short-term (Acute)	Ethyl acetate	Not classified
	Methyl cyclohexane	Category 3
Hazardous to the aquatic environment, long-term (Chronic)	Ethyl acetate	Not classified
	Methyl cyclohexane	Category 3
Hazardous to the ozone layer	Ethyl acetate	Classification not possible
	Methyl cyclohexane	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	3
United nation number	1133
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

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