

Safety Data Sheet

Product Name: SHARPIE MODIFIED SILICONE LM

SECTION 1 – IDENTIFICATION

Manufacturer's Name:

Sharp Chemical Ind. Co., Ltd.

Emergency Telephone No.:

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Address:

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SECTION 2- HEALTH HAZARD DATA

GHS CLASSIFICATION

PHYSICAL-CHEMICAL HAZARD DATA

Classification not possible

TOXICOLOGICAL HEALTH EFFECTS

	CLASSIFICATION
Acute toxicity(oral)	Not classified
Acute toxicity(Dermal)	Not classified
Acute toxicity(Gases)	Not applicable
Acute toxicity(Vapors)	Classification not possible
Acute toxicity(Dusts and mists)	Not classified
Skin corrosive/irritation	Not classified
Serious eyes damage/Eye irritation	Classification not possible
Respiratory sensitization	Classification not possible
Skin sensitization	Classification not possible
Germ cell mutagenicity	Not classified
Carcinogenicity	Classification not possible
Reproductive toxicity	Classification not possible
Specific target organ toxicity single exposure	Not classified
Specific target organ toxicity repeated exposure	Not classified
Aspiration hazard	Classification not possible

TOXICOLOGICAL ENVIRONMENT EFFECTS

Aquatic environmental toxicity(Acute)	Classification not possible
Aquatic environmental Toxicity(Chronic)	Classification not possible
Hazardous to the ozone layer	Classification not possible

GHS LABEL ELEMENTS**【SYMBOL】**

Not applicable

【SYGNALWORD】

Not applicable

【HAZARD STATEMENT】

Not applicable

【ATTENTION】

Not applicable

SECTION 3 – INFORMATION ON INGREDIENTS**Single Substance or Compound:** Compound**General Name:** One-part modified silicone sealant

Components	CAS. No.	Content (%)	Notice Through Official Gazettes Number
Modified silicone	Registered	20-30	Registered
Polyether polyol	Registered	20-30	Registered
Calcium carbonate	471-34-1	45-55	1-122
Titanium dioxide	13463-67-7	<5	1-558
Anti-mold agent	Registered	<0.1	Registered
Carbon black	1333-86-4	<1	5-3328/5-5222
Tin compound	Registered	0.1-1	Registered

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.

SECTION 5 – FIRE AND EXPLOSION HAZARD DATA**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.

SECTION 6 – LEAK CLOSURE PROCEDUREY

- Protection, and emargency 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.

SECTION 7- SPECIAL PROTECTION INFORMATION

- 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
Titanium dioxide	—	1 mg/m ³	10 mg/m ³
Carbon black	—	—	TWA 3.5mg/m ³
Tin compound	—	—	TWA 0.1 mg/m ³ (Sn) STEL 0.2 mg/m ³ (Sn)

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	Peculiar odor
PH	No data
Melting point	No data
Boiling point	No data
Flash point	>200°C
Ignition point	No data
Explosion area	No data
Steam density	No data
Density	1.40
Solubility	Poorly soluble in water
Octanol/partition coefficient	No data
Resolution point	No data
Others	No data

SECTION 10 – REACTIVITY DATA

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-TOXIC INFORMATION

Acute toxicity(oral)	Titanium dioxide	LD50 >20000 mg/kg
	Carbon black	LD50 >8000mg/kg
	Tin compounds	LD50 44.9 mg/kg
Acute toxicity(Dermal)	Titanium dioxide	LD50 >10000 mg/kg
	Carbon black	Classification not possible
	Tin compounds	Classification not possible
Acute toxicity(Vapors)	Titanium dioxide	Classification not possible
	Carbon black	Classification not possible

	Tin compounds	Classification not possible
Acute toxicity(Dusts and mists)	Titanium dioxide	LC50 >6.82mg/L
	Carbon black	Classification not possible
	Tin compounds	Classification not possible
Skin corrosive/ irritation	Titanium dioxide	Not classified
	Carbon black	Not classified
	Tin compounds	Not classified
Serious eyes damage/Eyes irritation	Titanium dioxide	Category 2B
	Carbon black	Not classified
	Tin compounds	Category 2A
Respiratory organs sensitization	Titanium dioxide	Classification not possible
	Carbon black	Classification not possible
	Tin compounds	Classification not possible
Skin sensitization	Titanium dioxide	Classification not possible
	Carbon black	Classification not possible
	Tin compounds	Classification not possible
Germ cell mutagenicity	Titanium dioxide	Not classified
	Carbon black	Classification not possible
	Tin compounds	Classification not possible
Carcinogenicity	Titanium dioxide	Classification not possible
	Carbon black	Category 2
	Tin compounds	Classification not possible
Reproductive toxicity	Titanium dioxide	Classification not possible
	Carbon black	Classification not possible
	Tin compounds	Category 2
Specific target organ toxicity single exposure	Titanium dioxide	Classification not possible
	Carbon black	Classification not possible
	Tin compounds	Classification not possible
Specific target organ repeated exposure	Titanium dioxide	Classification not possible
	Carbon black	Category 1
	Tin compounds	Category 1
Aspiration hazard	Titanium dioxide	Classification not possible
	Carbon black	Classification not possible
	Tin compounds	Classification not possible

SECTION 12-ECOLOGY INFORMATION

Aquatic environmental toxicity(Acute)	Titanium dioxide	Classification not possible
	Carbon black	Not classified
	Tin compounds	Category 1
Aquatic environmental toxicity(Chronic)	Titanium dioxide	Classification not possible
	Carbon black	Classification not possible
	Tin compounds	Category 1
Hazardous to the ozone layer	Titanium dioxide	Classification not possible
	Carbon black	Classification not possible
	Tin compounds	Classification not possible

SECTION 13-DISPOSAL CONSIDERATIONS

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
Special security measures	Prevent falling, dropping, or damages when loading products.

SECTION 15-REGULATORY INFORMATION

Follow all regulations in your country.

SECTION 16-DISCLAIMER

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