

Safety Data Sheet

Product Name: SHARPIE MODIFIED SILICONE M-22

SECTION 1 – IDENTIFICATION

Manufacturer's Name:

Sharp Chemical Ind. Co., Ltd.

Emergency Telephone No.:

+81-72-268-0321

Address:

12-1, Chikkohamaderanishi-machi, Nishi-ku, Sakai City Osaka, 592-8352 Japan

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)	Not classified
Acute toxicity(Dusts and mists)	Not classified
Skin corrosive/irritation	Not classified
Serious eyes damage/Eye irritation	Not classified
Respiratory sensitization	Not classified
Skin sensitization	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	Classification not possible

TOXICOLOGICAL ENVIRONMENT EFFECTS

Aquatic environmental toxicity(Acute)	Not classified
Aquatic environmental Toxicity(Chronic)	Not classified
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	Company secret	20-30	Company secret
Diisononyl phthalate	28553-12-0	1-5	3-1307
Polyether polyol	Company secret	20-30	Company secret
Calcium carbonate	471-34-1	45-55	1-122
Titanium dioxide	13463-67-7	<5	1-558
Anti-mold agent	Company secret	<1	Company secret
Carbon black	1333-86-4	<1	5-3328/5-5222
High boiling hydrocarbon	Company secret	<5	9-1692

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 emergency operation : Wear proppriate 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 PRTECTIVE 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

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	>100°C
Ignition point	No data
Explosion area	No data
Steam density	No data
Density	1.39
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
Acute toxicity(Dermal)	Titanium dioxide	LD50 >10000 mg/kg
	Carbon black	Classification not possible
Acute toxicity(Vapors)	Titanium dioxide	Classification not possible
	Carbon black	Classification not possible
Acute toxicity(Dusts and mists)	Titanium dioxide	LC50 >6.82mg/L
	Carbon black	Classification not possible

Skin corrosive/ irritation	Titanium dioxide	Not classified
	Carbon black	Not classified
Serious eyes damage/Eyes irritation	Titanium dioxide	Category 2B
	Carbon black	Not classified
Respiratory organs sensitization	Titanium dioxide	Classification not possible
	Carbon black	Classification not possible
Skin sensitization	Titanium dioxide	Classification not possible
	Carbon black	Classification not possible
Germ cell mutagenicity	Titanium dioxide	Not classified
	Carbon black	Classification not possible
Carcinogenicity	Titanium dioxide	Classification not possible
	Carbon black	Category 2
Reproductive toxicity	Titanium dioxide	Classification not possible
	Carbon black	Classification not possible
Specific target organ toxicity single exposure	Titanium dioxide	Classification not possible
	Carbon black	Classification not possible
Specific target organ repeated exposure	Titanium dioxide	Classification not possible
	Carbon black	Category 1
Aspiration hazard	Titanium dioxide	Classification not possible
	Carbon black	Classification not possible

SECTION 12-ECOLOGY INFORMATION

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