

Safety Data Sheet

Product Name: SHARPIE SILICONE S CLEAR

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- HAZARDS IDENTIFICATION

GHS CLASSIFICATION
PHYSICAL HAZARDS

Not applicable

HEALTH HAZARDS

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

ENVIRONMENTAL HAZARDS

Short-term (acute) aquatic hazard	Classification not possible
Long-term (acute) aquatic hazard	Classification not possible
Hazardous to the ozone layer	Classification not possible

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

Warning

【HAZARD STATEMENTS】

May cause allergy skin reaction. (H317)

【PRECAUTIONARY STATEMENTS】

《PREVENTION》

Do not breathe dust/fume/gas/mist/vapours/spray. (P260)

Contaminated work clothing should not be allowed out of the workplace. (P272)

Wear protective gloves/protective clothing/eye protection/face protection. (P280)

《RESPONSES》

Specific treatment (see 4.first aid measures) (P321)

IF ON SKIN: Wash with plenty of water and soap. (P302+P352)

If skin irritation or rash occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse. (P362+P364)

《DISPOSAL》

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

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

Components	CAS. No.	Content (%)	Notice Through Official Gazettes Number
Silicone resin	Registered	80-90	Registered
Oximesilane	22984-54-9	1-10	2-2039
silica	Registered	1-10	1-548
Dialkyl tin compound	Registered	<0.1	Registered

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– 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

Use with adequate ventilation.

Product evolves methyl ethyl ketoxime (MEKO) when exposed to water or humid air.

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
Not applicable			

Facility

Do not keep ignition source in the facility

If the area is airtight, 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	Peculiar odor
PH	No data
Melting point	Not applicable
Boiling point	Not applicable
Flash point	81°C
Ignition point	450°C
Explosion area	Not applicable
Steam density	No data
Density	1.03
Solubility	Poorly soluble in water
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:

Product evolves methyl ethyl ketoxime (MEKO) when exposed to water or humid air.

When this material was heated more than 150°C, small amount of formaldehyde occurs.

SECTION 11-TOXICOLOGICAL INFORMATION

Acute toxicity (oral)	Silica	LD50 >5000 mg/kg
Acute toxicity (Dermal)	Silica	No data



Acute toxicity (Gases)	Silica	No data
Acute toxicity (Vapours)	Silica	No data
Acute toxicity (Dusts and mist)	Silica	No data
Skin corrosion/irritation	Silica	No data
Serious eye damage/Eye irritation	Silica	No data
Respiratory sensitization	Silica	No data
Skin sensitization	Silica	No data
Germ cell mutagenicity	Silica	No data
Carcinogenicity	Silica	No data
Reproductive toxicity	Silica	No data
Specific target organ toxicity single exposure	Silica	No data
Specific target organ toxicity repeated exposure	Silica	No data
Aspiration hazard	Silica	No data

Hazardousness of methyl ethyl ketone oxime when product cure

Skin irritation	Mild skin irritation
Eye irritation	Strong eye irritation. Corrosive can be occur.
Acute toxicity	Ingestion RatLD50 4ml/kg Inhalation RatLC50 >4.8mg/L/4H
Inhalation toxicity	Temporary anesthetic action (high concentration). Might have effect to hematological function.
Skin sensitization	Positive (guinea pig). No allergy reaction for human.
Neural toxicity	Temporary loss of motor function (high concentration) (rat)
Carcinogenicity	Only for male rat and mouse, liver tumor can be found (highconcentration/375ppm)
Other long term expose test	Can find atrophia in cells of olfactory sensory epithelium (rat, mouse)
Tolerable level	TWA 3ppm, need ventilation to keep STEL below 10ppm

SECTION 12-ECOLOGICAL INFORMATION

Short-term (acute) aquatic hazard	Silica	No data
Long-term (acute) aquatic hazard	Silica	No data
Hazardous to the ozone layer	Silica	No data

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
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.