

## Material Safety Data Sheet

Product Name: SHARPIE PAINT SERA NB-Q (MSC1-20)

### SECTION 1 – IDENTIFICATION

**Manufacturer's Name:**

Sharp Chemical Ind. Co., Ltd.

**Emergency Telephone No.:**

+81-72-268-0321

**Address:**

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### SECTION 2- HEALTH HAZARD DATA

**GHS CLASSIFICATION**

**PHYSICAL-CHEMICAL HAZARD DATA**

Not applicable

**TOXICOLOGICAL HEALTH EFFECTS**

**CLASSIFICATION**

Acute toxicity(oral)	Not classified
Acute toxicity(Percutaneous)	Not classified
Acute toxicity(Inhalation:Gas)	Not applicable
Acute toxicity(Inhalation:steam)	Not classified
Acute toxicity(dust,mist)	Not classified
Skin corrosive/irritation	Not classified
Serious eyes damage/Eyes irritation	Not classified
Respiratory organs sensitization	Not classified
Skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Cancer-causing	Not classified
Reproductive toxicity	Not classified
Specification target internal organ /Systemic toxicity(Single exposure)	Not classified
Specification target internal organ /Systemic toxicity(repeat exposure)	Not classified
Aspiration toxicity	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 acrylic modified silicone non-bleeding type sealant

Components	CAS. No.	Content(%)	Notice Through Official Gazettes Number
Modified silicone	Company secret	30-40	Company secret
Calcium carbonate	471-34-1	40-50	1-122
Polyether polyol	Company secret	10-20	Company secret
Titanium dioxide	13463-67-7	<5	1-558
Tin compound	Company secret	<1	Company secret
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:** N/A**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 <sup>3</sup>	10 mg/m <sup>3</sup>
Tin compound	—	—	TWA 0.1 mg/m <sup>3</sup> (Sn) STEL 0.2 mg/m <sup>3</sup> (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        |

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**SECTION 9- PHYSICAL DATA**


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<b>Appearance</b>	Paste
<b>Odor</b>	Peculiar odor
<b>PH</b>	No data
<b>Melting point</b>	No data
<b>Boiling point</b>	No data
<b>Flash point</b>	>100°C
<b>Ignition point</b>	No data
<b>Explosion area</b>	No data
<b>Steam density</b>	No data
<b>Density</b>	1.40
<b>Solubility</b>	Poorly soluble in water
<b>Octanol/partition coefficient</b>	No data
<b>Resolution point</b>	No data
<b>Others</b>	No data

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**SECTION 10 – REACTIVITY DATA**


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**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

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**SECTION 11-TOXIC INFORMATION**


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Acute toxicity(oral)	Titanium dioxide	LD50 >10000 mg/kg
	Tin compounds	LD50 2000 mg/kg
Acute toxicity(Percutaneous)	Titanium dioxide	LD50 >10000 mg/kg
	Tin compounds	Classification not possible
Acute toxicity(Inhalation:steam)	Titanium dioxide	Classification not possible
	Tin compounds	Classification not possible
Acute toxicity(dust,mist)	Titanium dioxide	LC >6.82 mg/L/4h
	Tin compounds	Classification not possible
Skin corrosive/ irritation	Titanium dioxide	Not classified
	Tin compounds	Category 2
Serious eyes damage/Eyes irritation	Titanium dioxide	Category 2B



	Tin compounds	Category 2A
Respiratory organs sensitization	Titanium dioxide	Classification not possible
	Tin compounds	Classification not possible
Skin sensitization	Titanium dioxide	Not classified
	Tin compounds	Classification not possible
Germ cell mutagenicity	Titanium dioxide	Not classified
	Tin compounds	Classification not possible
Cancer-causing	Titanium dioxide	Not classified
	Tin compounds	Classification not possible
Reproductive toxicity	Titanium dioxide	Classification not possible
	Tin compounds	Classification not possible
Specification target internal organ /Systemic toxicity(Single exposure)	Titanium dioxide	Category 3
	Tin compounds	Classification not possible
Specification target internal organ /Systemic toxicity(repeat exposure)	Titanium dioxide	Category 1
	Tin compounds	Classification not possible
Aspiration toxicity	Titanium dioxide	Classification not possible
	Tin compounds	Classification not possible

## SECTION 12-ECOLOGY INFORMATION

Aquatic environmental toxicity(Acute)	Titanium dioxide	Not classified
	Tin compounds	Category 2
Aquatic environmental toxicity(Chronic)	Titanium dioxide	Category 4
	Tin compounds	Category 2
Hazardous to the ozone layer	Titanium dioxide	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.

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## SECTION 14-TRANSPORT INFORMATION

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<b>Land transportation</b>	Follow fire defense and road Law
<b>Maritime transportation</b>	Follow ship safety law
<b>Air transportation</b>	Follow aviation law
<b>United nation classification</b>	Not applicable
<b>United nation number</b>	Not applicable
<b>Special security measures</b>	Prevent falling, dropping, or damages when loading products.

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## SECTION 15-REGULATORY INFORMATION

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Follow all regulations in your country.

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## SECTION 16-DISCLAIMER

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