

Material Safety Data Sheet

Product Name: EXTERIOR WALL COULKING(WHITE,GREY)

SECTION 1 – IDENTIFICATION

Manufacturer's Name:

Sharp Chemical Ind. Co., Ltd.

Emergency Telephone No.:

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SECTION 2- HEALTH HAZARD DATA

GHS CLASSIFICATION

PHYSICAL-CHEMICAL HAZARD DATA

Not applicable

TOXICOLOGICAL HEALTH EFFECTS

| | CLASSIFICATION |
|--|-----------------------------|
| Acute toxicity(oral) | Category 5 |
| Acute toxicity(Percutaneous) | Not classified |
| Acute toxicity(Inhalation:Gas) | Not applicable |
| Acute toxicity(Inhalation:steam) | Classification not possible |
| Acute toxicity(dust,mist) | Not classified |
| Skin corrosive/irritation | Not classified |
| Serious eyes damage/Eyes irritation | Not classified |
| Respiratory organs sensitization | Classification not possible |
| Skin sensitization | Not classified |
| Germ cell mutagenicity | Not classified |
| Cancer-causing | Not classified |
| Reproductive toxicity | Category 2 |
| Specification target internal organ /Systemic toxicity(Single exposure) | Category 3 |
| 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 |

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

Warning

【HAZARD STATEMENT】

May be harmful if swallowed.

May have a bad influence to reproductivity or fetus

Irritation to respiratory system

【ATTENTION】

Keep away from heat, spark, or flame (P210)

No eating or smoking during operation (P270)

Wear protective gloves, glasses, masks, and cloths. (P280)

Use in well-ventilated area. (P271)

Wash hands after touching the material. (P264)

Read and understand the manual before the operation (P202)

Dispose the waste follow the method.

If get the material on your skin or hair, wash off with a plenty of water and soap. (P302+P352)

If you had irritation, please seek medical advice. (P332+P313)

If get the material in your eyes, please flush with a plenty of water for a minutes. If wear contact lens, please take them off (do not force)and seek medical advice. (P305+P351+P313)

If swallow the material, wash mouth with water and obtain medical attention immediately. Do not force the victim to vomit. (P301+P310+P330)

If inhale, remove the victim to fresh air, and obtain medical attention. (P304+P312+P340)

Stay away from direct sunlight, heat, and humidity. (P410+P403)

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 | Trade secret | 20-30 | Trade secret |
| Plasticizers | Trade secret | 15-20 | Trade secret |
| Calcium carbonate | 471-34-1 | 45-55 | 1-122 |
| Titanium dioxide | 13463-67-7 | <5 | 1-558 |
| Tin compound | Trade secret | <1 | Registered |
| Additive | Trade secret | 1-5 | Trade secret |

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 emergency 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 PRTECTIVE EQUIPMENT

| Material | Controlled consistency | Japanese Society of Occupation Health | ACGIH |
|------------------|------------------------|---------------------------------------|--|
| Titanium dioxide | — | 1 mg/m ³ | 10 mg/m ³ |
| Tin compound | — | — | 0.1 mg/m ³ (Sn) 0.2 mg/m ³ (Sn) |

Facility

Do not keep ignition source in the facility

If the area is airtightened, 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 information |
| Melting point | No information |
| Boiling point | No information |
| Flash point | >200°C |
| Ignition point | No information |
| Explosion area | No information |
| Steam density | No information |
| Density | 1.40 |
| Solubility | Poorly soluble in water |
| Octanol/partition coefficient | No information |
| Resolution point | No information |
| Others | No information |

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 >10000 mg/kg |
| | Tin compounds | LD50 44.9 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 | Not classified |
| Skin corrosive/ irritation | Titanium dioxide | Not classified |
| | Tin compounds | Category 3 |
| 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 | Not classified |
| 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 | Category 2 |
| 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 | Category 1 |
| 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 1 |
| Aquatic environmental toxicity(Chronic) | Titanium dioxide | Category 4 |
| | Tin compounds | Category 4 |

SECTION 13-DISPOSAL PROCEDURES

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 | N/A |
| United nation number | N/A |
| Special security measures | Prevent falling, dropping, or damages when loading products. |

SECTION 15- REGULATIONS INFORMATION

Follow all regulations in your country.

SECTION 16-DISCLAIMER

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