

Identity : WP-2000UV

Trade name:

UV-resistant elastic water-based liquid applied membrane

1. Company Identification

Manufacturer's Name: Obaproof Manufacturing Sdn Bhd
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2. Hazards Summarizing

- 2.1 The type of harm:
According to the Globally Harmonized System of Classification and Labeling (GHS), the product is non-hazardous materials, no GHS classification.
- 2.2 Invasion ways:
Inhalation, skin contact, eye contact, ingestion
- 2.3 Environmental hazard:
No information
- 2.4 Environmental hazard:
No information
- 2.5 Physical and chemical hazards:
The product is not flammable at normal room temperature, the product complies the specified requirements of combustion performance (level B).
- 2.6 Health hazard:
Can cause skin irritation, dermatitis, continuous contact can cause chapped and skim.

3. Composition/Information on Ingredients

| <u>Chemical name</u> | <u>CAS No.</u> | <u>Content (%)</u> |
|----------------------|----------------|--------------------|
| Acrylic emulsion | - | 40% |
| Water | 7732-18-5 | 14.5% |
| Calcium carbonate | 471-34-1 | 45% |
| Titanium dioxide | 1317-80-2 | 0.5% |

4. First-aid Measures

- 4.1 General advice:
Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
- 4.2 Skin Contact:
Take off contaminated clothing and shoes immediately. Wash off with plenty of water and consult a physician if felt uncomfortable.
- 4.3 Eye Contact:
Rinse thoroughly with plenty of water at least 15 minutes and consult a physician if felt uncomfortable.
- 4.4 Inhalation:
Move victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a physician immediately.
- 4.5 Ingestion:
Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
- 4.6 Protecting of first-aiders:
Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

5. Fire-fighting Measures

- 5.1 Fire extinguishing media:
Water, carbon dioxide, dry chemical powder, foam
- 5.2 Extinguishing step:
Spraying water to cool the surface of the flame touched, and protects the safety of personnel.
- 5.3 Fire extinguishing procedure:
As in any fire, wear self-contained breathing apparatus and full protective gear. Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used.
- 5.4 Harmful combustion:
No information

6. Accidental Release Measures

- 6.1 Emergency personnel protection:
Remove all sources of ignition. Ensure adequate ventilation. Take precautionary measures against static discharges.
- 6.2 Environmental precautions:
Prevent further leakage or spillage if safe to do so. Avoid products into sewers, water network or low-lying areas.
- 6.3 Methods and materials for containment and cleaning up:
Clean leaking area with water and make it solidify fast. Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

7. Handling and Storage

- 7.1 Storage Temperature:
Temperature should not be more than 40°C, and not less than 0°C.
- 7.2 Transport Temperature:
Normal temperature
- 7.3 Loading and unloading of temperature:
Normal temperature
- 7.4 Storage and transportation pressure:
The atmospheric pressure
- 7.5 General mode of transportation:
Such as trucks, containers, railway container, shipping containers, bulk storage.
- 7.6 General considerations:
Keep containers tightly closed in a dry, cool and well-ventilated place, upright storage and no more than two. Keep away from heat, sparks, open flames, hot surfaces and direct sunlight. Handling should prevent extrusion, collision, keep the packages are intact.

8. Exposure Controls/Personal Protections

- 8.1 Mechanical control measures/ventilation:
Components with location control parameters. Specify material release, and release a quantity depends on processing conditions.

- 8.2 Respiratory protection:
When the concentration is higher in air, wearing a filter type gas mask (half mask).
- 8.3 Eye Protection:
Tightly fitting safety goggles.
- 8.4 Body protection:
Wear protective material penetration overalls and non-slip safety shoes.
- 8.5 Hand protection:
Wear rubber gloves. If protective gloves began to rot, it should be replaced immediately.
- 8.6 Other protection:
Work site no smoking, eating and drinking water. After work, be sure to take a shower and change clothes. Pay attention to personal hygiene.

9. Physical and Chemical Properties

| | |
|---------------------|------------------------------------|
| Physical state: | Liquid |
| Form/color: | White or other colors thick liquid |
| Smell: | Balminess smell |
| PH value: | 7.0 - 9.0 |
| Density: | 1.7g/ cm ³ (20°C) |
| Flash point: | Not applicable |
| Heat of combustion: | Not applicable |
| Solubility: | Soluble in water |

10. Stability and Reactivity

| | |
|-------------------------------------|----------------|
| Reactivity: | No information |
| Chemical stability: | Stable |
| Possibility of hazardous reactions: | No information |

Incompatible materials: Strong acids, strong oxidants

Conditions to avoid: Keep away from heat, open flames and direct sunlight.

Hazardous
decomposition products: Nonexistence

11. Toxicological Information

- 11.1 Eye effect:
Cause irritation of mucous membranes.
- 11.2 Skin effect:
Can cause degreasing, skin cracking, and dermatitis.
- 11.3 Ingestion:
Excitant, may cause dizziness when high concentrations of steam inhalation.
- 11.4 Ingestion:
Eating can lead to bronchitis, pulmonary edema, and serious may cause death.
- 11.5 Reproductive toxicity:
No information
- 11.6 Carcinogenicity:
No information

According to our experience and the existing data, such as for specified purposes in accordance with the recommended take appropriate precautions, no adverse health effects. This statement, and pushed by products with similar components. This product contains a mixture of: 5-chloro-2-methyl -3 (2H) isothiazolone and 2-methyl-3 (2H) isothiazolone (3: 1) (CAS-No.: 55965-84-9) can produce sensitivity reactions.

12. Ecological Information

- 12.1 Biodegradation:
Biodegradation and removal efficiency evaluation (H₂O): In fact product can remove from the water through the biological function, such as activated sludge adsorption method.
- 12.2 Eco-toxicity:
If with proper biological treatment of low concentration is introduced into the system, did not foresee the inhibition activity of activated sludge degradation.

- 12.3 Remove material :
> 70% soluble organic carbon reducing method (OECD 302 b, ISO 9888, 88/302 / EEC, part C) easy to remove from the water.

13. Disposal Considerations

- 13.1 Disposal Information:
In any case, must be careful. Ensure compliance with national and local laws and regulations. The product is not suitable for deep processing.
- 13.2 Disposal recommendations:
Must not be disposed the old goods together with domestic water. Shall not pour into the drains and enter the drainage system. The empty bucket should be processing by the permit organizations.

The above matters only apply to the provided products. If the products have been mixed with other substances, you might need to follow the other disposal methods. If you have questions, please contact the company or the local authorities.

14. Transport Information

| | |
|--------------------------|--|
| Packing Label: | General cargo |
| UN number: | No information (The product is non-dangerous goods.) |
| UN proper shipping name: | No information |
| Packing group: | No information |
| Packaging Method: | Plastic bucket |
| Limited quantities: | Unlimited |
| Excepted quantities: | Unlimited |
| IMDG-CODE: | Be transported in accordance with the general cargo transport method. |
| ICAO/IATA-DG: | Be transported in accordance with the general chemical transport method. |
| UN-ADR: | Be transported in accordance with the general cargo transport method. |

15. Regulatory Information

“Hazard Chemicals Safety Statute” (Enforced from 1th November, 2011) and
“Workplace safe use of chemicals” ([1996] labor department No. 423) which stipulated
the procedures such as production, stock, transportation, discharge of hazard chemicals.

16. Other Information

This Material Safety Data Sheet (MSDS) was prepared according to GB/T16483 and GB/T17519. The data only fit the appointed substance, maybe not be used for the condition which mixed with other materials or being used in. All the data is based on the current knowledge and experience. This data only be used in depicting safety rules of products and not assure the product properties. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

*ALL OF THE MSDS DATA ARE FOR REFERENCE ONLY.
THE USER SHOULD JUDGE THE USABILITY THEMSELVES.*