PRO WATERPROOF MEMBRANE

# SAFETY DATA SHEET

DATE OF ISSUE: 01 MARCH 2023 (REV 00)

## 1. IDENTIFICATION OF PRODUCT

**Product Name: PRO WATERPROOF MEMBRANE**
**Product Form: Part A: Powder & Part B: Liquid**
**Intended Use: Architectural Flexible Cementitious Waterproof Membrane**
**Manufacturer: Protec Green Private Limited**
**Registered Address:3 Sungei Kadut Street 6, Singapore 728851**
**Telephone: +65 62699532**
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## 2. INFORMATION OF INGREDIENTS

PRO WATERPROOF MEMBRANE is supplied in 2 parts components (A: Powder and B: Liquid), this preparation is for use in the construction industry as a repair mortar to old concrete. It comprises of cement, Sand and additives. The precise formulation is confidential information. The Product formulation does not use asbestos or other known toxic substances, and does not require the use of toxic solvents in commonly known construction application. This preparation contains no ingredients classifiable by the requirements of 67/548/EEC as amended by 79/831/EEC. For more specific information, refer product data sheet.

## 3. HAZARDS INDENTIFICATION

The material content of this preparation is irrespirable size and is not likely to present an inhalation hazard. However, exposure to dust from this preparation should be regarded as potentially harmful. This preparation is mildly alkaline when wet. Avoid inhalation and contact with eye and skin. Presents no particular risk to the environment, provided the disposal requirements and national or local regulations are complied with.

## 4. FIRST AID MEASURES

**Ingestion**: Remove to fresh air. Do not induce vomiting. Rinse mouth with water. Give half pint (300ml) water to drink until remain away until coughing and other symptoms subside.
**Inhalation**: Will cause irritation of mucous membranes, nose, eyes, throat coughing and difficulty of breathing. Exposure to high vapour concentration may cause headache, dizziness, nausea and narcosis. In the event of respiratory difficulties, apply standard first aid techniques as appropriate to the condition of the patient and get immediate medical attention.
**Skin**: Prolonged contract causes common solvent defatting effect. Wash with mild soap and water.
**Eyes**: Vapours slightly uncomfortable, splashes irritating. Will cause painful burning or stinging of eyes and lids. Watering eyes and inflammation of Conjunctiva. Wash out immediately with plenty of water or normal saline solution and obtain medical advice at once.

## 5. FIRE FIGHTING MEASURES

Inorganic powder.
Will not burn or support combustion. Compatibles with all standard firefighting techniques. No special procedures required.

## 6. ACCIDENT RELEASE MEASURES

Contain spillage. Take precautions against excessive dust exposure (use approved respiratory protection), shovel into bags or other suitable containers. Small spillage may be washed to drain with plenty of water.
Spillage which becomes damp will set and harden. Clean up spillage promptly.

Additional advice : Avoid dust formation during clean up.

## 7. EXPOSURE CONTROLS

Engineering Control: General or local ventilation as necessary to prevent any dust exposure greater than the above limits.
Environmental Precautions: Do not flush into surface water or sewers.
Methods for cleaning up: Scoop up contaminated material and place in a disposal container.
Personal Precautions: Although not classed as dangerous, these preparations should be handled in accordance with good industrial hygiene and safety practices. Following “good practice” precautions are recommended:

- Wear protective clothing, protective gloves, safety goggles and face shield.
- No eating, drinking or smoking when using this product.
- Wash off splashes as soon as possible
- Avoid inhalation of dust or exceeding of occupational limit value.

Wear suitable respiratory protective equipment if working in confined spaces with adequate ventilation. Advice on respiratory protective equipment is given in British standards BS 2091 and BS 4274 and the HSE publication HS(G)53.

Skin and body protection: None.
Hygiene measures: Wash off splashes with warm water and soap.
Protective measures: Prophylactic use of protective ointment (barrier cream) is recommended.

## 8. STORAGE AND HANDLING

No special conditions. Store in dry place. Keep tightly sealed following use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | Part A | Part B |
|---|---|---|
| Appearance | : Free flowing grey powder | White milky liquid |
| Odour | : Odourless | Faint aromatic |
| PH | : Alkaline (when mixed with water) | 4 - 5 |
| Viscosity | : Not applicable | 100-800mPa |
| Freezing point | : Not applicable | 0 °C |
| Boiling point | : Not applicable | 100 °C |
| Melting point | : Not determined | Not determined |
| Flash point | : Not applicable | Not applicable |
| Auto-flammability | : Not applicable | Not applicable |
| Explosive limits | : Not applicable | Not applicable |
| Vapour pressure | : Not applicable | 3hPa@20 °C |
| Relative density | : Not determined | Not determined |
| Solubility | : Insoluble | Miscible in all proportions |
| Partition coeff | : Not determined | Not determined |
| Vapour density | : Not applicable | Not determined |

## 10. STABILITY AND REACTIVITY

Stability: Stable at normal temperature when kept dry. When wet sets to a hard lump with evolution of small amounts of heat.
Materials & conditions to avoid: None known.
Hazardous decomposition product: None known in normal applications.

## 11. TOXICOLOGICAL INFORMATION

**Ingestion:** No specific data available. Not regarded as harmful by ingestion. Unlikely to be any serious ill effects. May cause minor upset/irritation to digestive system.

**Inhalation:** Inhalation of quartz (crystalline silica) over long periods can cause silicosis. Dusts other than quartz arising from this preparation is not likely to cause significant disease or toxic effect if exposure is kept under reasonable control.

**Skin contact:** Prolonged contact may cause irritation, especially if wet.

**Eye contact:** Will cause discomfort and irritation.

## 12. ECOLOGICAL INFORMATION

Not biodegradable.
Long term ecological effects as for any cement/concrete products

## 13. DISPOSABLE CONSIDERATIONS

This preparation is not classified as special waste and can be disposed of by landfill at an approved site.
Consult local regulations before disposal.

## 14. TRANSPORTATION INFORMATION

No special packaging requirements.
Not classified as dangerous goods

## 15. REGULATION INFORMATION

Not classified as dangerous according to the rules of the EEC “Preparation Directive”88/379/EEC.

## 16. OTHER INFORMATION

The above information is based on the data which we are aware and is believed to be correct as of the date hereof. It is intended as a guide for safe handling, storage and use in known applications in the construction industry, but it is not a specification or guarantee of specific properties, and no liability can be accepted for any loss, injury or damage resulting from its use.