



MASONS – Enviro™ Panel 50 & 75mm thick

1. PRODUCT AND COMPANY INFORMATION

- 1.1 MASONS Enviro™ is an Autoclaved Lightweight Aerated Concrete panel for Domestic and Commercial use.
- 1.2 MASONS – Enviro™
- 1.3 Masons Plastabrick Ltd., 9A Parkhead Place, Albany, Auckland 0632 Ph: 09 4147551
- 1.4 Poisons Information Centre – (0800) 764 766 New Zealand

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation of the preparation:

Product Description

Autoclaved Lightweight Aerated Concrete panel for Domestic and Commercial use. Recommended Use: Fire Protection, Building Blocks, Noise Suppression, Construction Blocks

Components . Proportion
Calcium silicate hydrate (Tobermorite) Approx. 70%
Crystalline silica (Quartz) Approx. 23%
Calcium sulfate (Gypsum) Approx. 5%
Additives < 2%

3. HAZARDS IDENTIFICATION

- 3.1 **Health hazard:**
Inhalation of dust during sanding or sawing operations can cause irritation to the respiratory system.
- 3.2 **Environment hazard:**
No
- 3.3 **Burning&explosion hazard:**
No

4. FIRST AID MEASURES

- 4.1 **After contact with the eyes:**
Immediately flush eyes with plenty of water at least 15 minutes. Seek medical attention if irritation persists.
- 4.2 **After Contact with Skin:**
Use fresh water to clean up, will not seep through the skin, no harm to health
- 4.3 **After Inhalation:**
Remove to fresh air. If shortness of breath or wheezing develops, seek medical attention.
- 4.3 **After Swallowing:**
drink large amounts of water. Do not induce vomiting. Call a physician.
Note to Physician: Treat symptomatically. Treatment may vary with condition of victim and specifics of incident.

5. FIRE FIGHTING MEASURES

- 5.1 **Product is not considered flammable**
Extinguishing Media: This material is not combustible.
Appropriate extinguishing media (carbon dioxide, foam, water or dry chemical) for surrounding fire should be used.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 **Sweep up and discard**
- 6.2 **Person related safety precautions:** Not required.
- 6.3 **Measure for environmental protection:** No special measures required.
- 6.4 **Measure for cleaning / collecting:** No special measures required.
- 6.5 **Additional information:** No dangerous materials are released.



7. HANDLING AND STORAGE

7.1 Handling:

The installer should be a licensed applicator, and follow the product installation instructions. The installer is advised to put on an anti-dust face mask and gloves. The panels should be handled with care to avoid damage to the panel.

7.2 Storage:

Stock in warehouse or open-air venue

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Ventilation:

In processes where dusts may be generated, proper ventilation must be provided in accordance with the good ventilation practices.

8.2 Personal protective equipment:

Eye Protection: Wear safety glasses with side shields.

Hand Protection: PVC Gloves

Skin and body protection: Protective clothing and boots

Respiratory protection: Approved particulate respirator for when dust may be generated.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 **Form:** Solid

9.2 **Colour:** Cement Grey

9.3 **Odour:** No Odour

9.4 **PH:** 9-10

9.5 **Solubility:** Insoluble

10. STABILITY AND REACTIVITY

10.1 **Chemical Stability:** Stable and non-reactivity

10.2 **Conditions to Avoid:** Excessive dust generation during storage and handling.

11. TOXICOLOGICAL INFORMATION

11.1 Health Effects:

Swallowed: May be harmful if swallowed

Eye: May cause physical irritation to eye

Skin: May cause a slight irritation

Inhaled: May cause irritation if inhaled

12. ECOLOGICAL INFORMATION

Avoid losses to the environment.

13. DISPOSAL CONSIDERATIONS

Recycle, if possible. Consult your local or regional authorities for disposal options.

Dispose of materials in compliance with governmental regulations.

14. TRANSPORT REGULATIONS

The packing should be kept intact before and during transport.

15. REGULATORY INFORMATION

Exempt under NZ HSNO