

Fin Pan, Inc.
 ProTEC™ Concrete Backer Board
MATERIAL SAFETY DATA SHEET

1. Product and Company Identification:

Product Name: ProTEC™ Concrete Backer Board
Manufacturer: Fin Pan, Inc., Hamilton, Ohio 45015
 Emergency Contact: 800-833-6444

2. Composition/Information on Ingredients:

Chemical Name	WT%	TLV (mg/m³)	PEL (mg/m³)	CAS Number
Expanded Clay Aggregate	30-55	(NE)	(NE)	(NE)
Portland Cement	25-35	10	5 (R)/15 (T)	65997-15-1
Crystalline Silica, respirable dust	<0.3	0.1	10 (R)/30 (T)	14808-60-7
Fly Ash	20-30	(NE)	(NE)	(NE)
Potable Water	10-15	(NE)	(NE)	7732-18-5
Fiberglass Mesh	<1	(NE)	(NE)	65997-17-3
(T) - Total	(R) - Respirable	(NE) - Not Established		

This document was prepared pursuant to the OSHA hazard communication standard (29 CFR 1910.1200). In addition, other substances not hazardous per this OSHA standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

3. Physical and Chemical Properties:

Boiling Point..... Not Applicable
 Melting Point..... Not Applicable
 Percent Volatile Not Applicable
 Vapor Pressure Not Applicable
 Vapor Density Not Applicable
 Evaporation Rate..... Not Applicable
 Solubility in water..... Insoluble
 Specific Gravity/Density..... Not Applicable
 Appearance Hard gray board
 Odor..... Slight cement odor
 Physical State..... Stable solid

4. Fire and Explosion Hazard Data:

Flash Point..... Not Applicable
 Flammable Limits LFL..... None
 Flammable Limits UFL None
 Extinguishing Media Water spray, dry chemical, or carbon dioxide

Fin Pan, Inc.
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MATERIAL SAFETY DATA SHEET

4. Fire and Explosion Hazard Data (continued):

Hazardous Combustion Products: None known.

Fire-fighting Instructions: Use appropriate extinguishing media for surrounding fire.

Protective Fire-fighting Equipment: No special equipment is necessary.

5. Reactivity Data:

Stability: Thermally stable at typical use temperatures.

Incompatibility with Other Materials: Avoid contact with strong acids.

Hazardous Decomposition Products: Gases from strong acid degradation.

Hazardous Polymerization: Will not occur.

6. Health Hazard Data:

Eye: Due to alkali in the cement, contact with eyes will cause irritation and possible corrosion damage, burning and corneal edema. Particles will also cause mechanical irritation.

Skin Contact: Abrasion and skin irritation may occur due to alkali in the cement.

Ingestion: If ingested, caustic burns may occur in the mouth, esophagus or stomach. May be corrosive to the digestive tract.

Inhalation: Excessive exposure to dust may result in irritation of nose, throat and lungs.

Systemic (Other Target Organ) Effects: None known.

Cancer Information: Chronic exposure to dust containing silica (Quartz Crystobalite and Tridymite) can cause delayed lung injury (Silicosis) or cancer. Inhalation of Crystalline Silica may contribute to pre-existing pulmonary diseases, such as asthma and lung disorders associated with the smoking of tobacco.

Teratology (Birth Defects): None known.

Reproductive Effects: None known.

7. First Aid:

Eyes: Immediately flush eye, including under lids, thoroughly with water for 15 minutes to remove all particles. If irritation persists, consult physician.

Skin: Wash thoroughly with soap and water. If irritation remains, seek medical attention. If cement penetrates the clothing, promptly remove the clothing and wash skin. Wash clothing before wearing again.

Ingestion: Seek medical attention immediately. The use of diluents is controversial and neutralization is contraindicated.

Fin Pan, Inc.
ProTEC™ Concrete Backer Board
MATERIAL SAFETY DATA SHEET

7. First Aid (continued):

Inhalation: Remove to fresh air. Leave the area of dust exposure and remain away until coughing and other symptoms subside.

8. Handling and Storage:

Handling: Maintain good housekeeping.

Storage: Keep clean, dry and flat.

9. Accidental Release Measures:

Containment Procedures: Due to the physical nature of this product, spills are not possible.

Evacuation Procedures: None.

Cleanup Procedures: Normal clean up methods.

Special Procedures: None.

10. Exposure Controls/Personal Protection:

Respiratory Protection: If product is cut with a power saw, the saw must be equipped with a dust collector and wear a NIOSH/MSHA-approved respirator if the dust level in the work area is above the TLV or PEL. Provide general mechanical ventilation and local exhaust to meet TLV requirements. Hand score and snap to avoid creating excess dust.

Skin Protection: Wear gloves and work clothing or apron.

Eye Protection: Wear safety glasses or goggles with shields while cutting. Contact lenses should not be worn when working with Portland cement.

11. Toxicological Information:

Mutagenicity: None known.

12. Ecological Information:

Movement & Partitioning: No bioconcentration is expected.

Degradation & Persistence: No appreciable biodegradation or photodegradation is expected.

Ecotoxicity: When handled and disposed of properly, this product does not present an environmental threat.

13. Disposal Considerations:

Disposal: Dispose of waste in accordance with Federal, State and Local regulations.

For unused & uncontaminated product, pickup and reuse clean material.

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MATERIAL SAFETY DATA SHEET

14. Transportation Information:

Department of Transportation (DOT): This product is not regulated by the D.O.T. when shipped domestically by land.

Canadian TDG Information: This product is not regulated by the T.D.G. when shipped domestically by land.

15. Regulatory Information: (Not meant to be all-inclusive)

NOTICE: The information contained herein is based on data considered to be accurate. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with Federal, State/Provincial, and local laws. While the information is believed to be reliable, NO Warranty, expressed or implied, is given in regards to the accuracy of this data or the results to be obtained from the use thereof. Since the use of this information and the conditions and use of this product are controlled by the user, it is the user's obligation to determine the conditions of safe use of the product. See other sections for health and safety information.

16. Other Information:

National Fire Protection Association (NFPA) Ratings:

Health..... 1
Flammability..... 0
Reactivity..... 0

HMS Ratings:

Health..... 1
Flammability..... 0
Reactivity..... 0
Personal Protection..... 0

0 = Minimal Hazard 1 = Slight Hazard 2 = Moderate Hazard
3 = Serious Hazard 4 = Severe Hazard