



SUMNER Board (FCS)

Material Safety Data Sheet

1. Trade Name: Sumner Fibre Cement Sheet
2. SUMNER Professional Cladding Systems
3. Hazard Identification

Safe Working Caution

Sumner Board is a fibre cement board. Respirable silica dust when machining fibre cement, calcium silicate and/or other traditional products such as clay/concrete tiles and sand/concrete bricks and blocks that contain such material may be irritating to your skin and respiratory tract through scratching, this is not a chemical reaction. Long term exposure can damage your health and eventually cause silicosis.

Work Safely with Fibre Cement Boards by using the following precautions:

1. Work outdoors or in an open area with good ventilation
 2. When cutting sheets use saws with dust a collector fitted
 3. Wear a dust mask and safety goggles
 4. Use a vacuum cleaner or water the site when cleaning up. Ensure containment of dust during cleanup and disposal.
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4. Product Approved Uses: general construction panel for internal and external use
 5. Product Appearance: grey with smooth surface
 6. Product Composition:
 - a. Calcium Silicate Hydrate (Cement) : approx 50%
 - b. Wood Fibre: <10%
 - c. Quartz sand: approx 40%



- d. Other materials: <10%
- 7. Physical Data:
 - a. Nominal Density: 1.35gm/cm³
 - b. pH (in 10% solution) : >10
 - c. Odour: None
 - d. Moisture Content: 15%
 - e. Flash Point: Not Flammable
 - f. Corrosiveness: Non Corrosive
 - g. Stability: Stable
- 8. Fire and Explosion Data: Non Combustible
- 9. Health Hazards:
 - a. Workplace Exposure Standard – has not been established for this product therefore the general limits for dusts and mists are applicable
 - a.i. 10mg/m³ total inhalable dust
 - a.ii. 0.2mg/m³ respirable quartz particles
 - b. Primary Route of Entry: Inhalation of Dust
 - c. Medical Conditions (which may be aggravated): Respiratory Conditions
 - d. Target Organs: Lungs
- 10. Health Affects
 - a. Inhalation: Acute overexposure to dust may cause inflammation of the respiratory tract
 - b. Skin Contact: Prolonged contact may lead to irritation for sensitive persons
 - c. Ingestion: Mild Discomfort
 - d. Eyes: Mild transient irritation or inflammation
- 11. First Aid/Emergency Procedures



- a. Inhalation: Move to fresh air
 - b. Skin Contact: Wash thoroughly with clean water
 - c. Ingestion: Rinse mouth and throat with water, drink plenty of water
 - d. Eyes: Flush copiously with fresh water
 - e. In all situations seek medical advice if irritation or medical condition persists
12. Storage Precautions
- a. Storage at site or warehouse: Panels should be stored on pallets in a flat, dry, covered and well ventilated area. Protect from dust and rain.
 - b. During Transport: Should be covered with canvas, tarpaulin
13. Precautions for Safe Handling and Use
- a. Handling: Use sufficient natural or mechanical ventilation to reduce the dust level below the work place exposure standard
 - b. Goggles: Use safety glasses whenever machining the product (cutting, drilling, sanding, planing etc)
 - c. Clothing: Use work clothes and gloves to protect against mechanical injury
 - d. Respirator: It is possible for airborne concentrations of silica dust to approach the workplace exposure standard of 0.2gm/m³ when machining (cutting, drilling, sanding, planing etc) this product. Approved respiratory protective equipment should be made available while working in concentrations around or above the workplace exposure standard.
 - e. Overalls: Normal protective working overalls are adequate
14. Spill or Leak Procedures
- a. Spilled Materials: collect dust with vacuum cleaner or dust bag during fabrication. If sweeping is necessary use a dust suppressor or wet sweep work areas to prevent spread of dust
 - b. Waste Disposal: dispose as a building product waste according to local regulations. Collected dust should bind with cement before disposing in a landfill

The health and safety information contained herein is believed to be accurate and correct based on our current knowledge at the date of issue and no liability can be accepted for any loss,



injury or damage resulting from its use. It is intended as a guide for the safe handling, storage and use under normal conditions but does not refer to the particular requirements of a customer when further advice should be obtained.

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