

ASBESTOS FIRE DOORS

The location of all known or assumed asbestos-containing fire doors in this building can be found in the asbestos location section of this book. All of the remaining fire doors are asbestos free. Some were removed from the Management Plan because they contained no ACM and others were added to the building after 1990 and therefore are asbestos free and will not be found in the Management Plan (see the accompanying certification). We are only keeping track of known or assumed asbestos-containing fire doors from this point on.

Bruce Johnson

3-12-98



Weyerhaeuser

**Material Safety Data Sheet
Mineral Core Fire Doors**

Weyerhaeuser Company
Tacoma, WA 98477

Emergency Phone: (206) 924-5000
Additional Information: (206) 924-3865

1. Product Identification

Product	Manufacturing Location
Mineral Core Fire Doors	Marshfield, WI

Synonyms: 45, 60, or 90 Minute Fire Doors.

2. Hazardous Ingredients/Identify Information

Name	CAS#	Percent	Agency	Exposure Limits	Comments
Calcium silicate	1344-95-2	51-73	OSHA OSHA ACGIH	PEL-TWA 15 mg/m3 PEL-TWA 5 mg/m3 TLV-STEL 10 mg/m3	Total dust Respirable dust fraction Total dust containing no asbestos and <1% crystalline silica
Door Faces: - Wood - Paper (cellulose) - Plastic	None 9004-34-6 None	17	See below under wood OSHA OSHA ACGIH OSHA OSHA ACGIH	PEL-TWA 15 mg/m3 PEL-TWA 5 mg/m3 TLV-TWA 10 mg/m3 PEL-TWA 15 mg/m3 PEL-TWA 5 mg/m3 TLV-TWA 10 mg/m3	Total dust Respirable dust fraction Total dust Total dust Respirable dust fraction Total dust
Inert ingredients ¹	Proprietary information ¹	6-9	OSHA OSHA ACGIH	PEL-TWA 15 mg/m3 PEL-TWA 0.1 mg/m3 TLV-STEL 0.1 mg/m3	Total dust Respirable dust fraction Respirable fraction containing respirable quartz
Wood	None	4-8	OSHA OSHA ACGIH ACGIH ACGIH Recommended ² Recommended ² Recommended ²	PEL-TWA 15 mg/m3 PEL-TWA 5 mg/m3 TLV-TWA 5 mg/m3 TLV-STEL 10 mg/m3 TLV-TWA 1 mg/m3 PEL-TWA 5 mg/m3 PEL-STEL 10 mg/m3 PEL-TWA 2.5 mg/m3	Total dust Respirable dust fraction Softwood total dust Softwood total dust Selected hardwood total dust (beech, oak, others) Softwood or hardwood total dust Softwood or hardwood total dust Western red cedar total dust
Resin Solids	None	<1	OSHA ACGIH	None None	None
Composite material ¹	Proprietary information ¹	0-15	OSHA OSHA ACGIH OSHA ACGIH OSHA ACGIH	PEL-TWA 15 mg/m3 PEL-TWA 5 mg/m3 TLV-TWA 10 mg/m3 PEL-TWA 0.1 mg/m3 TLV-TWA 0.1 mg/m3 PEL-TWA 5 mg/m3 TLV-TWA 10 mg/m3	Total dust Respirable dust fraction Total dust containing no asbestos and <1% crystalline silica Respirable dust fraction Respirable dust fraction Total dust Total dust

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Georgia-Pacific**GEORGIA-PACIFIC
MINERAL CORE
MATERIAL SAFETY DATA SHEET 73C**
Page 1 of 4**MATERIAL SAFETY DATA SHEET**Effective Date: 2/20/96
Supersedes Date: 4/8/92**SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME:** Mineral Core**PRODUCT USE:** Core for firedoor and temperature rise doors**MANUFACTURED BY:** Georgia-Pacific Corporation
133 Peachtree Street, N.E.
Atlanta, GA 30303
(404)987-5190 (Technical Information)
(404)652-5119 (MSDS Request)**SECTION 2. COMPOSITION INFORMATION ON INGREDIENTS**

<u>COMPONENT</u>	<u>% BY WT.</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Gypsum (calcium sulfate)	10-30	7778-18-8	15 mg/m ³ Total Dust 5 mg/m ³ Respirable Dust	10 mg/m ³ Total Dust
Perlite	50-75	NONE	15 mg/m ³ Total Dust 5 mg/m ³ Respirable Dust	10 mg/m ³ Total Dust
Portland Cement	1-15	65997-15-1	10 mg/m ³ Total Dust 5 mg/m ³ Respirable Dust	10 mg/m ³ Total Dust
Polyvinyl Alcohol	1-5	9002-89-5	None	None
Fiberglass Continuous Filament (nonrespirable)	< 1	65997-17-3	15 mg/m ³ Total Dust	10 mg/m ³ Total Dust

Gypsum, perlite and portland cement contain naturally occurring crystalline silica, generally of the quartz form. Due to its natural occurrence, the exact percentage of crystalline silica is unknown. Both the OSHA PEL and ACGIH TLV are 0.1 mg/m³ for respirable quartz dust.

Exposure limits are in accord with those recommended by OSHA in the 1989 revision of PELs.

SECTION 3. HAZARDS IDENTIFICATION**DESCRIPTION:** Gray composite door core panel**EMERGENCY OVERVIEW**

Cutting, sanding or otherwise machining this product(s) may generate large amounts of dust. Dust may cause upper respiratory tract, lung, nasal, eye and skin irritation.

POTENTIAL HEALTH EFFECTS

SKIN CONTACT: Handling may cause dry skin. Portland cement may cause dermatitis. Glass fibers may produce itching and temporary irritation.

INHALATION: The continuous filament fiberglass contained in this product is considered nonrespirable. Cutting, sanding or otherwise machining this product, however, may generate dust including glass fiber dust.

FIRE DOORS

The Management Plan states that all fire doors in this building are assumed to contain asbestos material. During the reinspection we found that some of these doors were hollow or they were filled with fiber glass. Therefore, we are eliminating them from the list of fire doors found in the Management Plan because they contain no suspect material.

However, there are still some fire doors that are assumed to contain asbestos and they are still part of the Management Plan. Their locations can be found by looking in the Asbestos Location Section found in the front of this book.

Bruce Johnson
6-5-95