

Telephone: (877) 464-7246 Fax: (780) 419-2345

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## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** Pyroblock Fire Retardant FSC Certified Plywood (Paint Grade)  
Pyroblock Fire Retardant FSC Certified Plywood (Veneer Grade)

**Manufacturer:** Panel Source International Inc.  
23 Rayborn Crescent, 2<sup>nd</sup> Floor  
St. Albert, Alberta, Canada T8N5B9 Phone 780-458-1007  
OR 1-877-464-7246 Fax 780-419-2345  
(8:00 AM to 5:00 PM Mountain Time).

## Overview

## Section 2 - Composition / Information on Ingredients

<b>Component:</b>	<b>Exposure Limit (OSHA)</b>
Softwood Dust	10mg/m <sup>3</sup> PEL 5mg/m <sup>3</sup> ACGIH TLV-TWA
Hardwood Dust	10mg/m <sup>3</sup> PEL 1mg/m <sup>3</sup> ACGIH TLV-TWA
Melamine 108-78-1	N/A
Phenol-Formaldehyde Trace	0.75ppm 2ppm STEL

## Section 3 - Physical and Chemical Properties

<b>Physical State:</b> Solid	<b>Solubility:</b> N/A
<b>Appearance and Odor:</b> light yellow, to light brown with light wood odor.	<b>Solubilities:</b> N/A
<b>Specific Gravity:</b> <1	<b>Boiling Point:</b> N/A
<b>pH:</b> N/A	<b>Freezing/Melting Point:</b> N/A

## Section 4 - Fire-Fighting Measures

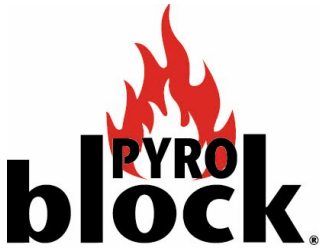
**Flash Point:** N/A

**Autoignition Temperature:** N/A will be dependent on exposure to heat and other variables.

**Extinguishing Media:** Water, Carbon Dioxide, Sand

**Unusual Fire and Explosion Hazards:** Sawing, sanding or machining can produce wood dust as a by product which may present an explosion hazards. An airborne concentration of 40 grams or dust per cubic meter of air is often the LEL for wood dust.

**Fire-Fighting Equipment:** Because fire may produce toxic products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.



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## Section 5 - Stability and Reactivity

**Stability:** Panel Source International Pyroblock FSC Certified Plywood is stable at room temperature in normal storage and handling conditions.

**Conditions to Avoid:** Keep away from heat, sparks, and open flames.

**Hazardous Decomposition Products:** Thermal decomposition can produce irritating and toxic fumes, and gases.

## Section 6 - Health Hazard Information

### Potential Health Effects

**Inhalation:** Inhalation may result in respiratory irritation and coughing.

**Eye:** Contact with the eyes may cause irritation

**Skin:** Contact with the skin may cause irritation

**Ingestion:** Not likely to happen.

**Carcinogenicity Listing:** IARC, NTP and OSHA-Formaldehyde a possible human carcinogen, IARC Group 2a. Formaldehyde off-gas levels based on ASTM E-133 have shown an average concentration of 0.09ppm with a standard deviation of 0.04. NTP known to be a human carcinogen (10<sup>th</sup> report), IARC Monographs: Wood Dust, Group 1-IARC Group 1: Carcinogenic to humans; sufficient evidence of carcinogenicity.

### Emergency and First Aid Procedures

**Inhalation:** Remove to fresh air. If irritation persists, get medical attention.

**Eye Contact:** Flush eyes with water for at least 15 minutes. Call a physician if irritation persists.

**Skin Contact:** Remove contaminated clothing and shoes. Wash exposed areas with soap and water. Call a physician if irritation persists.

**Ingestion:** Call a physician immediately. Only induce vomiting if directed by a physician. If vomiting occurs spontaneously, keep head below hips to prevent aspiration into the lungs. Do not give anything by mouth to an unconscious person.

*After first aid, get appropriate in-plant, paramedic, or community medical support.*

## Section 7 - Special Precautions and Comments

**Handling Precautions:** Like any sawdust, avoid breathing product dust. Do not take internally. Wash thoroughly after handling this material.

**Storage Requirements:** Keep product unitized until use. Keep away from moisture, humidity, temperature extremes, heat, sparks, and open flames.

**Prepared By:** Robert F. McLeod

**Revision Notes:** V 3.0 modified 07/31/07, original 9/18/03

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