



Section 1 - Chemical Product

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

Overview

Section 2 - Composition / Information on Ingredients

Component:	Exposure Limit (OSHA)
Softwood Dust	10mg/m3 PEL 5mg/m3 ACGIH TLV-TWA
Hardwood Dust	10mg/m3 PEL 1mg/m3 ACGIH TLV-TWA
Melamine 108-78-1	N/A
Phenol-Formaldehyde Trace	0.75ppm 2ppm STEL

Section 3 - Physical and Chemical Properties

Physical State: Solid

Appearance and Odor: light yellow to light brown
with light wood odor

Specific Gravity: <1
pH: N/A

Solubility: N/A

Solubilities: N/A

Boiling Point: N/A

Freezing/Melting Point: 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.





Section 5 - Stability and Reactivity

Stability: 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 (10th 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.

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

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