### *Section 1 - Chemical Product*

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

# Overview

### *Section 2 - Composition / Information on Ingredients*

| **Component:** | **Exposure Limit (OSHA PEL)** |
|---|---|
| Wood Dust / Fiber | 15mg/m$^3$ 8-hr TWA |
| | 5mg/m$^3$ 15 min STEL |
| Melamine 108-78-1 | N/A |
| Urea-Formaldehyde Resin Solids | 0.75 mg/m$^3$ TWA |
| | 2ppm STELRF |

### *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 MDF 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:** NTAP/IRC/OSHA-Formaldehyde, gaseous formaldehyde has shown to cause cancer in certain laboratory animals after long-term exposure to very high concentrations (+14ppm), far above those found in the workplace with this product.

*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 3.1 modified 07/31/07, original 10/30/03

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