

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: PureKör FSC Certified Particleboard

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

Overview

Section 2 - Composition / Information on Ingredients

Chemical Name (Ingredients):

	PERCENTAGE	OSHA PEL	OSHA STEL	ACGIH TLV-TWA	ACGIH TLV-STEL
Wood Dust/Lingo-cellulosic fiber	90 – 93%	10 mg/m ³	-	1 mg/m ³	10 mg/m ³
Polymerized Urea Formaldehyde resin	6-9%	0.75 ppm	2 ppm	-	0.3 ppm(C)

The product may release small quantities of formaldehyde in gaseous form. Emissions decrease through time as the panels age. Manual or mechanical cutting or abrasion processes performed on the product can result in generation of wood dust.

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: PureKör FSC Certified Particleboard 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.

Prepared By: Ryan McNeil

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