

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: PureKör Platinum 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**

Formaldehyde, CAS No. 50-00-0, 0.1 - 0.5% by weight as free formaldehyde,

Exposure Limits: OSHA; 0.75 ppm 8 hour TWA, 2.0 ppm STEL. ACGIH: 0.3 ppm Ceiling.

Toxicity: skn-rbt LD₅₀: 270 mg/kg; orl-rbt DL₅₀: 100 mg/kg; inh-rat LC₅₀: 200 mg/m³/4h

Warning: Formaldehyde is classified as an IARC Group I Human carcinogen (nose and pharynx) and a potential human carcinogen by NTP and OSHA. It is irritating and potentially harmful to the eyes, skin, and respiratory system and may cause skin allergies to sensitive individuals.

Melamine, CAS No. 108-78-1, 1.0 - 3.0% by weight

Exposure limits: None listed.

Toxicity: Skn-rbtLD₅₀: >3000 mg/kg; oral-rat LD₅₀: 3161 mg/kg

Moderately toxic by ingestion and intraperitoneal routes. An eye, skin, and mucous membrane irritant. Causes dermatitis in humans. Questionable carcinogen with experimental carcinogenic and tumorigenic data Experimental reproductive effects. Mutation data reported.

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: Panel Source International PureKör Platinum 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.

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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