

**Section 1 - Chemical Product and Company Identification**

**Product/Chemical Name:** PureKör Particleboard – Melamine Laminated

**Overview**

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

**Chemical Name (Ingredients):**

**PERCENTAGE    EXPOSURE STANDARD**

Softwood Fiber	>80%	5 mg/m <sup>3</sup> average over 8 hrs. 10 mg/m <sup>3</sup> average over any 15 min. period.
Urea/melamine/Phenol		
Formaldehyde Resins	<19%	1.0ppm ceiling limit
Paraffin wax	<1%	2mg/m <sup>3</sup> average over 8 hrs
Nuisance Dust (from Resin paper coatings)	<0.1%	10mg/m <sup>3</sup> average over 8 hrs

**Section 3 - Physical and Chemical Properties**

**Physical State:** Solid

**Appearance and Odor:** 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 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 2.1 modified 07/31/07, original 2/24/04

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