

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** PureKör Ag-Fiber Particleboard

**Manufacturer:** Panel Source International Inc.

23 Rayborn Crescent, 2<sup>nd</sup> 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):

	Wt %	CAS Registry #
Agricultural fiber	90 - 95	None
Methylene-diphenyl-diisocyanate (MDI)	5 - 10	101-68-8

### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

Name / CAS #	Exposure Limits
Agricultural fiber	N/A
CAS # - None	

Methylene-diphenyl-diisocyanate (MDI)	OSHA PEL-TWA .02 ppm
CAS# - 101-68-8	ACGIH TLV-TWA: 0.005 ppm

## 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 Agri-fiber 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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