



# Dakota Panel

View MSDS : [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#)  
SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Particleboard**  
 Manufacturer Name: Dakota Panel, Inc.  
 Address: 1651 Culvert Street  
 Rapid City, SD 57701  
 General Phone Number: (605) 348-3900  
 General Fax Number: (605) 348-4598  
 Customer Service Phone Number: (866) 850-8557  
 CHEMTREC: N  
 Canutec: N  
 MSDS Creation Date: 10/31/2008



HMS

Health Hazard	1*
Fire Hazard	1
REACTIVITY	0
Personal Protection	X

\* Chronic Health Effects:

## SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percent
Wood particles	Not Available	85 - 86 by weight
Non hazardous resin	Not Available	5 - 10 by weight
Water	Not Available	1 - 5 by weight
<b>Non-Hazardous Statement:</b>	The remaining components of this product are non-hazardous or are in a small enough quantity as to not meet regulatory thresholds for disclosure.	

## SECTION 3 - HAZARDS IDENTIFICATION

### Applies to Product :

**Emergency Overview:** Sawing, sanding or machining products containing wood can produce wood dust, which can cause a flammable or explosive hazard.

**Route of Exposure:** Eye contact  
 Skin contact  
 Inhalation.  
 Ingestion

**Potential Health Effects:**

Eye:	Eye contact with dust and fibers may cause short term mechanical irritation.
Skin:	Dust from this product may cause itching and short term irritation. Prolonged or repeated contact with dust of this product may cause an allergic skin reaction.
Inhalation:	Dusts produced by cutting or drilling of this product may cause irritation of the nose, throat, and respiratory tract. Prolonged exposures to wood dust may cause nasal cancer.
Ingestion:	Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.
Aggravation of Pre-Existing Conditions:	Chronic respiratory or skin conditions may temporarily worsen from exposure to dust from this product.

---



---

## SECTION 4 - FIRST AID MEASURES

---



---

Eye Contact:	Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention, if irritation or symptoms of overexposure persists.
Skin Contact:	Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion:	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.
Note to Physicians:	Provide general supportive measures and treat symptomatically.

---



---

## SECTION 5 - FIRE FIGHTING MEASURES

---



---

Flash Point:	Not available.
Flash Point Method:	Not available.
Lower Flammable/Explosive Limit:	Not applicable.
Upper Flammable/Explosive Limit:	Not applicable.
Extinguishing Media:	dry chemical foam carbon dioxide (CO <sub>2</sub> ) water fog
Protective Equipment:	Wear self-contained breathing apparatus (SCBA) and full fire fighting protective gear.
Hazardous Combustion Byproducts:	Upon decomposition, this product emits carbon monoxide, carbon dioxide, and/or low molecular weight hydrocarbons. Other undetermined compounds could be released in small quantities.
<b><u>NFPA Ratings:</u></b>	
NFPA Flammability:	1
NFPA Health:	1
NFPA Reactivity:	0

---



---

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

---



---

Personnel Precautions:	Avoid contact with skin and eyes.
Environmental Precautions:	No special procedures are required.
Methods for containment:	No special procedures are required.
Methods for cleanup:	Shovel or sweep up for re-use or disposal. Avoid creating dusty conditions. Dispose of in accordance with Local, State, Federal and Provincial regulations.

---



---

## SECTION 7 - HANDLING and STORAGE

---



---

<b>Handling:</b>	Do not get this material in your eyes, on your skin, or on your clothing and avoid inhaling dust or fumes. Use this product with adequate ventilation. Wash exposed areas thoroughly after handling this product.
<b>Storage:</b>	No special procedures are required.
<b>Work Practices:</b>	Handle in accordance with good industrial hygiene and safety practices. These include avoiding any unnecessary exposure and removal of the material from the skin, eyes and clothing.
<b>Hygiene Practices:</b>	Wash exposed areas thoroughly after handling this product. Wash hands and arms frequently. Shower after exposure. Wash work clothes when soiled. Avoid contact with skin, eyes and clothing.

---



---

## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

---



---

<b>Engineering Controls:</b>	General dilution ventilation and/or local exhaust ventilation should be provided as necessary to maintain exposures below occupational exposure limits.
<b>Eye/Face Protection:</b>	Safety glasses with side-shields.
<b>Skin Protection Description:</b>	Protective gloves. Long sleeved shirt and long pants.
<b>Respiratory Protection:</b>	When workers are facing airborne particulate/dust concentrations above the exposure limit they must use appropriate certified respirators. A properly fitted NIOSH approved disposable N 95 type dust respirator or better is recommended.

### EXPOSURE GUIDELINES

#### Wood particles :

<b>Guideline ACGIH:</b>	TLV-TWA: 1 mg/m <sup>3</sup> Wood dusts - All species, excluding Western red cedar
<b>Guideline NIOSH:</b>	REL-TWA: 1 mg/m <sup>3</sup> Wood dusts NOS
<b>Mexico :</b>	TWA: 5 mg/m <sup>3</sup> Soft Timber TWA: 1 mg/m <sup>3</sup> Hard Timber

---



---

## SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

---



---

<b>Physical State Appearance:</b>	Solid
<b>Color:</b>	Slightly brown or tan.
<b>Odor:</b>	Wood odor.
<b>Boiling Point:</b>	No Data
<b>Melting Point:</b>	No Data
<b>Specific Gravity:</b>	No Data
<b>Solubility:</b>	Insoluble in water.
<b>Vapor Density:</b>	No Data
<b>Vapor Pressure:</b>	No Data
<b>Evaporation Rate:</b>	No Data
<b>pH:</b>	No Data
<b>Viscosity:</b>	Not applicable.
<b>Flash Point:</b>	Not available.
<b>Flash Point Method:</b>	Not available.

---

---

## SECTION 10 - STABILITY and REACTIVITY

---

---

Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Keep away from heat, sparks, or open flame.
Incompatible Materials:	None expected.
Special Decomposition Products:	Upon thermal decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Other undetermined compounds could be released in small quantities.

---

---

## SECTION 11 - TOXICOLOGICAL INFORMATION

---

---

### Wood particles :

Inhalation:	Inhalation. - Rat TCl <sub>0</sub> : 1683.5 mg/kg/13W (intermittent) - [Lungs, Thorax, or Respiration - consolidation; Lungs, Thorax, or Respiration - fibrosis (interstitial)](RTECS)
-------------	--

---

---

## SECTION 12 - ECOLOGICAL INFORMATION

---

---

### Applies to Product :

Ecotoxicity:	No data available for this material. This material is not expected to cause harm to animals, plants or fish.
Environmental Fate:	No data available for this product.

---

---

## SECTION 13 - DISPOSAL CONSIDERATIONS

---

---

### Applies to Product :

Waste Disposal:	Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.
RCRA Number:	General Product Information: Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA.  Component Waste Numbers: No EPA Waste Numbers are applicable for this product's components.

---

---

## SECTION 14 - TRANSPORT INFORMATION

---

---

DOT Shipping Name:	Not Regulated.
DOT UN Number:	None
DOT Hazard Class:	None
DOT Packing Group:	None

IATA Shipping Name: Not Regulated.  
 Canadian Shipping Name: Not Regulated.  
 Canadian UN Number: None  
 Canadian Hazard Class: None  
 Canadian Packing Group: Packing Group: None  
 IMDG Shipping Name : Not Regulated.  
 ADR Shipping Name : Not Regulated.  
 RID Shipping Name : Not Regulated.  
 ICAO Shipping Name: Not Regulated.  
 MEX Shipping Name : Not Regulated.

## SECTION 15 - REGULATORY INFORMATION

### Applies to Product :

**SARA:** This product does not contain any chemicals which are subject to the reporting requirements of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III (40CFR, Part 372).

**Section 311/312 Hazard Categories:**

Acute Health Hazard:	Yes
Chronic Health Hazard:	No
Risk of ignition:	No
Sudden Release of Pressure Hazard:	No
Reactive Hazard:	No

**Clean Air Act:** This product does not contain any Hazardous Air Pollutants (HAPs).

**California PROP 65:** The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):  
 This product does not contain any Proposition 65 chemicals.

**Canada WHMIS:** Not controlled.

## SECTION 16 - ADDITIONAL INFORMATION

HMIS Fire Hazard: 1  
 HMIS Health Hazard: 1\*  
 HMIS Reactivity: 0  
 HMIS Personal Protection: X  
 MSDS Creation Date: 10/31/2008

**Disclaimer:** The information contained in this Material Safety Data Sheet is compiled from sources believed to be accurate or otherwise technically correct. It is the user's responsibility to determine if the product is suitable for its proposed application(s) and to follow necessary safety precautions. The user has the responsibility to make sure that this sheet is the most up-to-date issue. Dakota Panel, Inc. and its subsidiaries make no warranty of any kind, express or implied, concerning the accuracy or completeness of the information and data herein.