

Formaldehyde Emissions Grademark Certification Program
CERTIFICATE OF COMPLIANCE



Composite Panel Association
19465 Deerfield Ave, Suite 306, Leesburg, VA 20176

Hereby Affirms That

DAKOTA PANEL
1651 CULVERT ST, RAPID CITY, SD 57701

Fulfills The Requirements Of:

EPA TSCA Title VI (40 CFR 770), CAN/CSA-0160-16, ANSI A208.1 and
California Air Resources Board (CARB) Airborne Toxic Control Measures (ATCM) 93120

SCOPE OF CERTIFICATION
Particleboard (2N2 and 2N1)

Mill 074

Certificate Issued: March 6, 2019
To verify continued certification,
visit www.compositepanel.org

A handwritten signature in black ink, appearing to read 'Edgar Deomano'.

Edgar Deomano
Director of Technical and Certification Services



**INDUSTRIAL PARTICLEBOARD
MANUFACTURED FROM PONDEROSA PINE
TECHNICAL SPECIFICATIONS**

Effective Date: October 2009

PHYSICAL VALUES*

Thickness 1/4" through 1 1/8"

Density	Lbs. per cubic foot	46-52
Modulus of Elasticity	Lbs. per square inch	290,100
Modulus of Rupture	Lbs. per square inch	1885
Internal Bond	Lbs. per square inch	85
Screw Holding	Face lbs.	202
	Edge lbs.	180
Hardness	Lbs.	900

PRODUCTION TOLERANCES

Thickness, Average	From specified size	± 0.005"
Thickness, Range	From panel average values	± 0.004"
Length	From specified size	± 1/16"
Width	From specified size	± 1/16"
Straightness	Maximum bow per 8' length	1/16"
Squareness	Maximum diagonal deviation	1/8"

*** PROPERTIES COMPLY WITH ANSI A208.1-2009, M-2 INDUSTRIAL GRADE AND HUD REGULATION 24 CFR 328 TESTING PROCEDURES.**

Thickness	Density
1/4"	52 lbs. per cubic foot
3/8"	50 lbs. per cubic foot
7/16"	49 lbs. per cubic foot
1/2"	48 lbs. per cubic foot
5/8" & thicker	47 lbs. per cubic foot

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) 348-1613
 General Fax Number: (605) 348-4598

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
Non-Hazardous Statement:.	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 (CO2) 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.

NFPA Ratings:

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

Handling:	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.
Storage:	No special procedures are required.
Work Practices:	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.
Hygiene Practices:	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

Engineering Controls:	General dilution ventilation and/or local exhaust ventilation should be provided as necessary to maintain exposures below occupational exposure limits.
Eye/Face Protection:	Safety glasses with side-shields.
Skin Protection Description:	Protective gloves. Long sleeved shirt and long pants.
Respiratory Protection:	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 :

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

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance:	Solid
Color:	Slightly brown or tan.
Odor:	Wood odor.
Boiling Point:	No Data
Melting Point:	No Data
Specific Gravity:	No Data
Solubility:	Insoluble in water.
Vapor Density:	No Data
Vapor Pressure:	No Data
Evaporation Rate:	No Data
pH:	No Data
Viscosity:	Not applicable.
Flash Point:	Not available.
Flash Point Method:	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 TCLo: 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 of completeness of the information and data herein.