

Material Safety Datasheet - USA

1. Chemical product and company identification

Product name: Plexwood®
Veneer and solid wood products

Supplier: Plexwood Services bv
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the Netherlands

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Description: 100% wood veneer, composed of end grain wood and wood with the grain. Available as separate product, or combined product for which the veneer can be bonded with a glue free of VOC and formaldehyde to a variety of substrate panels that are sourced with third party manufacturers.

Substrates: Substrate is optional. Available substrates are low formaldehyde E1 MDF, plywood (various wood types), zero added formaldehyde MDF (also CARB II compliant), fire retardant MDF in Euroclass B or ASTM E84, moisture resistant MDF (MDF V313) and many others.

2. Hazards identification

General: This product is classified as a non-hazardous material. The machining of the panel product will generate wood dust particles, i.e. sawing, sanding, etc., and this wood dust should be contained through a combination of vacuum and extraction cleaning equipment.

Eye contact: Dust or splinters may cause irritation or injury to the eyes.

Skin contact: Handling panels may cause splinters which lead to skin irritation.

Inhalation: Wood dust may cause respiratory irritation, nasal dryness, coughing, sneezing, headache and sinusitis. Prolonged exposure to wood dust may result in allergic reactions or respiratory sensitization in some individuals.

Ingestion: Not applicable under normal use.

3. Composition/information on ingredients

Veneer:

Name	CAS #	Content (% weight)
Plexwood - Beech (<i>Betula pendula</i>)	N/A	> 99 %
Plexwood - Birch (<i>Fagus sylvatica</i>)	N/A	> 99 %
Plexwood - Deal (<i>Picea abies</i>)	N/A	> 99 %
Plexwood - Meranti (<i>Shorea balancarpoides</i>)	N/A	> 99 %

Plexwood - Oak (<i>Quercus petraea</i>)	N/A	> 99 %
Plexwood - Ocoumé (<i>Aucoumea klaineana</i>)	N/A	> 99 %
Plexwood - Pine (<i>Pinus sylvestris</i>)	N/A	> 99 %
Plexwood - Pine/Ocoumé (<i>Pinus sylvestris/ Aucoumea klaineana</i>)	N/A	> 99 %
Plexwood - Poplar (<i>Populus alba</i>)	N/A	> 99 %
Polyvinyl acetate (PVAc)	9003-20-7	< 0.01 %

Glue (if applicable):

Name	CAS #	Content (% weight of total product)
Trade secret	N/A	< 0.02 %

Panel substrate (if applicable):

According to manufacturer's SDS

Wood and wood products are manufactured articles and are not considered hazardous under OSHA Hazard Communication Standard CFR 1910 1200. Wood dust, a by-product generated from sawing, sanding or machining wood and wood products, may be hazardous.

4. First aid measures

- Eye contact: Flush eyes with large amounts of fresh water or use sterile sodium chloride eye wash product. If irritation persists, get medical attention.
- Skin contact: Wash affected areas with soap and water. If irritation persists, get medical attention.
- Inhalation: Remove affected person to fresh air. If irritation persists, or breathing difficulty occurs, get medical attention.
- Ingestion: Not likely to occur.

5. Fire-fighting measures

- Flash point: N/A.
- Flammable limits: LEL: See below.
UEL: N/A.
- Unusual fire/explosion hazards: Sawing, sanding and machining of wood products can produce wood dust, which may explode in the presence of an ignition source. An airborne concentration of 40 grams (40.000 mg) of dust per cubic meter of air is often used as the lower explosion limit (LEL) for wood dust.
- Extinguishing media: Water, carbon dioxide, sand, dry chemical.
- Auto ignition temperature: Variable [typically 400-500°F (204-260°C)].
- Special firefighting: None.

6. Accidental release measures

Not applicable for product in its purchased form. Sweep or vacuum dust generated from sawing, sanding or machining for disposal. Wet down accumulated wood dust to reduce the likelihood of ignition or dispersion of dust into the air. Use with adequate ventilation. Do not inhale dusts during clean up. Use approved dust mask where ventilation is not possible and exposure limits could be exceeded.

7. Handling and storage

Handling: No special handling precautions required for product in purchase form.

Storage: Store flat, avoid extreme swings in air humidity and temperature, and at all times, allow Plexwood to acclimatize before processing. Avoid exposure of unfinished Plexwood to direct sunlight and avoid contact with penetrating fluids or substances. Product is combustible and should be kept away from ignition sources.

8. Exposure controls/personal protection

Personal Protective Equipment

Respiratory protection: Not needed, use approved dust mask where ventilation is not possible and exposure limits could be exceeded.

Skin and body protection: Wear suitable working clothes and footwear.

Eye protection: Eye protection when machining or milling any material is recommended.

Work/hygiene practices: Clean up areas where wood dust settles to avoid excessive accumulation. Minimize practices that generate high airborne-dust concentrations.

Ventilation

Local exhaust: Provide local exhaust as needed.

Mechanical: Good ventilation in processing and storage areas should be provided.

9. Physical and chemical properties

Appearance and odour

Veneer in various wood types, light to dark, colour and odour dependent on type of wood.

Basic properties

Physical state: Solid

Solubility in H₂O (% by weight): < 0.1%

Density: Dependent on the type of wood, between 2783 - 5866 N

10. Stability and reactivity

Chemical stability: Stable under normal conditions.

Conditions to avoid: Avoid excess heat, open flames, and sparks. Avoid contact with incompatible materials. Avoid prolonged direct sunlight and moisture/humidity.

Incompatible materials: Avoid oxidizing agents.

Hazardous decomposition

Products: Burning of any wood can produce irritating fumes and gases, including carbon monoxide, carbon dioxide, aldehydes and organic acids.

Hazardous polymerization: Will not occur.

11. Toxicological information

None available for product in purchased form.

12. Ecological information

No data available for this product. This product is expected to be inherently biodegradable.

13. Disposal considerations

Dispose of material according to local, state, federal and provincial regulations.

14. Transport information

This product is not regulated as a hazardous material by the United States Department of Transportation or Canadian (TDG) transportation regulations.

15. Regulatory information

Definition of terms

OSHA: Wood and wood products are considered manufactured articles and are exempt under OSHA's Hazard Communication Standard (29 CFR 1910.1200). Wood dust, a by-product generated from sawing, sanding or machining wood and wood products, is considered hazardous under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

Definition of terms

CAS #	Chemical Abstracts System Number
N/A	Not applicable
OSHA	Occupational Safety and Health Administration
TDG	Canadian Transportation of Dangerous Goods

16. Other information

Disclaimer:

The information contained in this MSDS comes from sources believed to be accurate or otherwise technically correct. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. Plexwood Services by, makes no warranty of any kind, expressed or implied, concerning the accuracy or completeness of the information and data herein. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded. Plexwood Services by, will not be liable for claims relating to any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete or otherwise misleading.