

# MATERIAL SAFETY DATA SHEET

Revision: March 2025. Version number: 1



## 1. IDENTIFICATION

**Producer:** VMG Wood Solutions, UAB

**Adress:** Ryto str. 4, Menciu village, Akmene district municipality, LT-85271, Lithuania

**Phone:** +370 612 36952

**Tradename/Type:** P4, P5, P6, P7

**Description/Recommended use:** Wood-based panels for use in construction according to EN 13986:2004+A1



## 2. HAZARD IDENTIFICATION

**Physical hazard:** Non-classifiable

**Health hazards:** Non-classifiable

**Harmful by inhalation (dust/formaldehyde)**

**No hazards or precautionary statement**



## 3. INFORMATION OF INGREDIENTS

Wood: 80 – 85%, Resin: 10 – 15%, Hardener: 0.1 – 0.5%, Wax: < 1.5%, Water: 3 – 5%, Green pigment < 0.1%

Name	CAS #	Concentration	Exposure Limit
Formaldehyde	50-00-0	< 0.1% by weight	STEL 2ppm



## 4. FIRST AID MEASURES

**Eye Contact:** Flush the eyes with water if contact is made with wood fibers.

**Skin Contact:** Product may be irritant and may cause contact dermatitis to wood sensitive individuals. Wash skin with soapy water. Seek medical advice for chronic symptoms of exposure.

**Inhalation:** Wood dust may irritate respiratory system. Seek fresh air. Seek medical advice for chronic symptoms of exposure.

**Protection of First-Aiders:** No action should be taken that involves risk to any personnel without proper training.



## 5. FIRE FIGHTING MEASEURES

**Extinguishing Media:** Use water, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames.

**Special hazards arising from the substance or mixture:** Don't inhale smoke and gases produced during the combustion. Avoid the extinguishing to enter the sewage systems and water bodies.

**Flammability:** The material will burn. Avoid wood dust contact with ignition sources. Avoid smoking in the workplace and storage rooms.

**Flash point:** None

**Hazardous combustion Products:** Smoke, Fume, Oxides of carbon and Aldehydes.

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### 6. ACCIDENTAL RELEASE MEASURES

**Not Applicable** for finished products. Use precaution to control dust generation from abrasive cutting or sanding of the finished product.

Particleboard does not represent a hazard in sheet form. Sweep or vacuum wood for recovery or disposal, avoid generation of dusty conditions.



### 7. HANDLING AND STORAGE

**Precautions for safe handling:** No special handling instructions.

**Storage:** Store in a cool, dry, and well-ventilated area. Particleboard should be kept in a location where the temperature is controlled, ideally between 15°C and 25°C (59°F and 77°F). Particleboard is sensitive to moisture. High humidity or contact with water can cause the board to absorb moisture, leading to swelling, delamination, or loss of strength. Extreme temperatures, especially heat, can cause the material to warp, swell, or even release excess moisture. Avoid enclosed or poorly ventilated spaces. Storing in a sealed area with limited airflow (like a basement or closed container) can trap humidity and cause damage over time. Make sure that particleboard is stacked horizontally and evenly to avoid bending or warping. Use spacers between the stacks of particleboard to allow for airflow. Place the particleboards on pallets or other raised surfaces to keep them off the floor and protect them from moisture coming from the ground.



### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	CAS #	Concentration	Exposure Limit
Formaldehyde	50-00-0	< 0.1% by weight	8 hours WEL 2ppm (2.5mg/m <sup>3</sup> STEL 15 minutes 2ppm (2.5mg/m <sup>3</sup> ))

**Ventilation during construction operations:** Local Exhaust: Due to explosive potential of wood dust when suspended in air, precautions should be taken to prevent sparks or other ignition sources in ventilation equipment.

Use of totally enclosed motors is recommended.

**Respirator:** Approved respirator under dusty conditions recommended.

**Gloves:** Recommended.

**Eyes:** Safety glasses or goggles recommended.



### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Color:** Straw to tan (moisture resistant boards may have green surface or core).

**Density:** 600 – 720 kg/m<sup>3</sup>.

**Odor:** None under ambient conditions.

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### 10. STABILITY AND REACTIVITY

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Oxides of carbon, aldehydes and organic acids may release during thermal decomposition.



### 11. TOXICOLOGICAL INFORMATION

Quantitative data on the toxicity of these products is not available.

Chronic effects of skin contact with wood dust are not fully known and may vary.



### 12. ECOLOGICAL INFORMATION

Quantitative data on the ecological impact of these products is not available.

Adverse effects on the environment cannot be excluded but unlikely when handled, stored and reworking appropriately.



### 13. DISPOSAL CONSIDERATIONS

Particleboard can be recycled after it is no longer in use. Recycling is the preferred option for sustainability. However, it is the user's responsibility to ensure that, at the end of its life cycle, the particleboard is disposed of in accordance with all applicable laws.



### 14. TRANSPORT INFORMATION

No transport warning sign is required.



### 15. REGULATORY INFORMATION

This product is not classified as hazardous in accordance with REACH.

Product contains compliance with Regulation (EU) No 305/2011 of European Parliament and Council of 9 March 2011 (The Construction Products Regulation or CPR) and contains compliance with FSC Chain of Custody (CoC) certification.

Depending on conditions of cutting, sanding or other construction operations, product may emit emissions of wood dust.

#### Additional Information

This data sheet has been compiled based on our present knowledge. However, it does not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### Provisional note:

This MSDS has been carefully drawn up to the best of our knowledge. We accept no liability for any mistakes, errors in standards or printing errors. In addition, technical modifications can result from continuous further development, as well as from changes in standards and documents originating from statutory bodies. The content of this document should therefore not be considered as instructions for use or as legally binding.