

# MATERIAL SAFETY DATA SHEET

Regulation (EU) 2020/878

Revision: April 2022. Version number: 1



## 1. Product Information

Supplier: UAB VMG Lignum construction  
Address: Ryto g. 4, LT-85271 Menčių k., Akmenės r.  
Phone: +370 618 88212  
Trade name/Type: Description:  
VMG Lignum board floor, VMG Lignum board Regular,  
VMG Lignum board wall  
Particleboard conforming to EN312



## 2. Hazards Identification

Harmful by inhalation (dust/formaldehyde)  
Physical hazard: Non-classifiable  
Health hazard: Non-classifiable  
No hazard or precautionary statements



## 3. Information on Ingredients

Wood: 82- 88%; Solid Resin: 10-15%; Water: 1-1,4%; Solid Paraffin Wax: 0.5-0,6%; Total Extractable Formaldehyde (CASNo. 50-00-0): 0.005% max (Emission class 1); Silica: <0.05%; Green Dye (solids) 0- 0.01% (moisture resistant grades).

No materials identified for this purpose as specified the Classification, Labelling and Packaging (CLP) regulations 2009 (amended 2016).



## 4. First Aid Measures

After inhalation: Inhalation of dust can only occur during processing. If discomfort persists, seek medical attention.

After skin contact: Wash off with soap and water.

After eye contact: If particles enter the eyes during processing, irrigate with water. If discomfort persists obtain medical attention.

After swallowing: Wash out mouth with water.



## 5. Fire Fighting Measures

Non-flammable at room temperature, but will burn

Use: Water, CO<sub>2</sub>. Dust from cutting and milling operations is an explosive hazard (see additional information). Thermal decomposition produces irritating and toxic gases including CO, aldehydes and organic acids.



## 6. Accidental Release Measures

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

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Regulation (EU) 2020/878



## 7. Handling and Storage

Follow good housekeeping practices; clean up areas where wood dust settles to avoid excessive accumulation of this combustible material. Avoid generation of explosive levels of wood dust in air. Store in a cool, dry and well ventilated area. Good lifting practice should be followed  
Note: In poorly ventilated areas, particularly under moist and warm conditions, small traces of formaldehyde may be emitted.

Stacks outside may be affected by wind, make sure the stack is secure, if possible construct the stack so that a small cross section is facing the prevailing wind. Securely attach any protective sheeting. Bearers need to be straight and identical in length.



## 8. Exposure Controls/Personal Protection

WEL Wood dusts: 8 hour WEL 5mg/ m<sup>3</sup>  
WEL Formaldehyde- 8 hour WEL 2 ppm (2.5 mg/ m<sup>3</sup> STEL 15 minute 2 ppm (2.5 mg/ m<sup>3</sup>)  
Respirator: Approved respirator under dusty conditions recommended.

Ventilation: 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.

Gloves: Recommended to reduce skin contact, except where moving machinery parts expose fingers to hazards. Eyes: Safety glasses or goggles recommended.



## 9. Physical and Chemical Properties

Colour: Straw to tan (moisture resistant boards may have green surface or core). Density: 560-720 kg/ m<sup>3</sup>  
Ignition Temperature of Dust: 100°C  
Odour: None under ambient conditions



## 10. Stability and Reactivity

Thermal decomposition produces irritating and toxic gases including CO, aldehydes and organic acids. Avoid oxidising agents and drying oils. Keep away from sources of ignition.



## 11. Toxicological Information

Quantitative data on the toxicity of this product are 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 this product are not available. Adverse effects on the environment cannot be excluded but unlikely when handled, stored, and disposed of appropriately.

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Regulation (EU) 2020/878



## 13. Disposal Considerations

The supplier can recycle the product. Recycling is the preferred route. If recycling is not possible the material should be sent for energy recovery. Landfill is not advised but can be used as a last resort. It is however the user's responsibility to ensure waste is disposed of in accordance with all valid laws.



## 14. Transport Information

No transport warning sign required.

UK Supply Classification: Non-classifiable  
UK Carriage Classification: Non-classifiable  
UK Conveyance Classification: Non-classifiable  
UN Number: None.



## 15. Regulatory Information

Within the UK, the use of this material must be assessed under the Control of Substances Hazardous to Health (COSHH) regulations.

## Additional Information

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

For further information please view the Wood Panel Industry Federation (WPIF) web site [www.wpif.org.uk](http://www.wpif.org.uk) for section 6 of the Panel Guide on Health & Safety.

### Provisional note:

This Safety Data Sheet 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 the 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.