

## Material Safety Data Sheet

### Section 1:

#### Product and Company Identification

Product Name: THOR decking  
Manufacturer: eco-Profil N.V.  
Holstraat 59,  
B-8790 Waregem  
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www.eco-Profil.com  
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### Section 2:

#### Composition, Information on Ingredients

Component Name: Composition Amount  
Wood fibre: 50-60%  
Poly-olefin: 40-50%

### Section 3:

#### Hazards Identification

In normal use, the product is not hazardous. However, this product may be cut or finished in ways which produce wood dust fibres. Certain wood fibres are considered hazardous if the airborne concentration exceeds certain exposure limits for long periods of time. Exposure to such fibres is considered unlikely with this product; all wood in the board is fully stabilised in the plastic resin matrix.

### Section 4:

#### Emergency and First Aid Procedures

Inhalation: This material is not expected to present an inhalation hazard.  
Eyes: Flush sawdust or fines from eyes with water; if irritation occurs, obtain medical attention.  
Skin: This material is not expected to present a skin contact hazard.  
Ingestion: No adverse affects expected from ingestion.

### Section 5:

#### Fire and Explosion Data

Flash point: Greater than 330°C  
Upper Explosive Limit: Not Determined  
Lower Explosive Limit: Not Determined  
Auto Ignition Temperature: Estimated to be greater than 330°C.  
Extinguishing media: Dry Chemical, Water Fog, Foam, Carbon Dioxide.  
Special Fire Fighting Procedures: Dense smoke emitted when burned without sufficient oxygen.  
Possible dust explosion if fines accumulate. Wear standard fire fighting attire (as for fighting a wood fire).  
NEPA Hazard ID: Health:0 Flammability:1 Reactivity:0

### Section 6:

#### Spills and Disposal Notification Procedures

Land spill: Material should be swept up and discarded or reused.  
Water spill: Clean up and discard or reuse.  
Waste disposal: Dispose of in accordance with local regulations. No special procedures required.

## Section 7:

### Handling and Storage Handling

eco-Profil is heavier than normal wood. Lift carefully.  
Storage: Support every two feet on a flat surface. Store away from strong oxidising agents or combustible materials.

## Section 8:

### Protective Measures

Ventilation: Use in well ventilated area.  
Respiratory protection: An approved respirator may be needed in areas with a high accumulation of fines.  
Eye protection: Wear safety glasses with side shields when sawing or installing.  
Skin protection: No special precautions needed.

When sawing or installing: wear protective gloves

## Section 9:

### Physical Data

Appearance and Odour: Slight wood odour  
Boiling Point: NA  
Solubility in water: Insoluble  
Vapour pressure: Negligible  
Melting point: 140 – 180°C  
Percent volatiles: Negligible

## Section 10:

### Reactivity

Stability: The wood-plastic composite material is stable  
Conditions to avoid: Heat and flame  
Materials to avoid: Strong oxidising agents  
The following combustion products may be generated: Carbon dioxide, carbon monoxide, water vapour, trace VOC's.

## Section 11:

### Toxicological Data

Exposure Limit of Material: Not established  
LD50 of Material: Not established  
Carcinogenicity of Material: None (wood fibres are fully stabilised in the polymer matrix)

## Section 12:

### Ecological Considerations:

This material has not been tested for environmental effects.

## Section 13:

### Disposal Considerations:

Dispose of as normal refuse or bring back to eco-Profil N.V. for re-use as raw material in new profiles.

## Section 14:

**Transport Information:** This material is not regulated by DOT nor ADR.

NEPA Hazard ID: Health:0 Flammability: 1 Reactivity: 0

**Section 15:**

**Regulatory Information:**

This is not a controlled product.

**Disclaimer:**

To the best of our knowledge the information contained in this Material Safety Data Sheet is accurate. However, eco-Profil N.V. does not make any warranty, express or implied, or accepts any liability in connection with this information or its use.