



Kronospan Romania SRL
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Kronospan Romania SRL Str. Strunga Mieiilor 1 • Braşov • 500482
RO 6646680 • JD8/207/1999
Capital social 273 865 962 RON integral vărsat

SAFETY DATA SHEET OSB Superfinish ECO (according to Regulation EC No. 1907/2006)

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identification: Oriented strand boards – multilayer panels, made up from strands, with a specific shape and thickness, bonded together with a binder. The strands from the surface layers are oriented parallel to the long or short side of the panel. The strands from the core layer(s) may be randomly oriented or aligned, mainly perpendicular to the direction of the strands from the surface layers.

1.2 Product use: Load bearing panels for exterior or interior applications, in constructions, for roofs, walls, fences, packaging.

1.3 Company identification: KRONOSPAN ROMANIA SRL
Str. STRUNGA MIEILOR
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Production Manager e-mail: p.szabo@kronospan.ro

2. HAZARDS IDENTIFICATION

In consideration of the valid legislation, the product is not considered dangerous.

The hazard must be considered, which is implied by the presence of wood dust resulting from further processing.



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3. COMPOSITION / INFORMATION CONCERNING COMPONENTS (INGREDIENTS) – kg/1m³

Wood:	450 ÷ 650 kg
Diphenylmethane diisocyanate	15÷35 kg
Paraffin emulsion (mixture of paraffin, surfactant, water)	5÷10 kg
Water	10÷50 kg

The consumption of raw materials corresponds to the thickness range of individual panels.

4. FIRST AID MEASURES

For wood dust resulting from processing operations:

- In case of inhalation: Bring the person to fresh air.
In case of skin contact: Wood dust may cause allergies and skin diseases to sensitive persons. Wash with water.
Seek medical advice if the irritation persists.
In case of eye contact: Flush thoroughly with water for at least 15 minutes.
In case of ingestion: Not applicable.

5. FIRE FIGHTING MEASURES

The flash temperature ranges between 204-260°C.

If the product is involved in a fire, the following extinguishing agents shall be used:

WATER
CARBON DIOXIDE
SAND

Wood dust resulted from further processing may ignite very easily when exposed to a fire source.

During the burning process, smoke is released and the product decomposition releases carbon oxides, nitrogen oxides, aldehyde and organic acids. The inhalation of these toxic substances shall be avoided. Seek medical advice in case of accidental inhalation of decomposition products.



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6. ACCIDENTAL RELEASE MEASURES

Not applicable for the final product. The dust resulted from the handling of the product must be collected by mechanical processes. The installations or machines used for the product processing must be fitted with proper exhaust devices, which must comply with the specific laws related to the health of the operators, the labour safety and environmental protection.

7. HANDLING AND STORAGE

7.1 Handling

There are no specific precautions for the handling of the final product.

The products are handled by machines.

The product does not require any special protection measures for transportation or handling.

7.2 Storage

Store the product in places that are:

Properly

ventilated

Weatherproof

Humidity 40 ÷ 65 %

Temperature 5 ÷ 20 °C

The products shall not be stored directly on the floor.

The panels shall be stored horizontally, on even and clean surfaces (wooden pallet) to avoid any damages.

The panels shall not be stored vertically, on the edges, not even for short periods of time.

In case the storage of the panels in open air cannot be avoided, the whole pallet must be covered with a waterproof and light reflecting material.

The panels shall not be deposited near heat or fire sources (open fire, sparks).



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8. EXPOSURE CONTROL/PERSONAL PROTECTION

8.1 Limit exposure values

Not applicable for the final product.

For the wood dust resulted from the handling of the final product.

8.2 Exposure control

8.2.1 Control of the occupational exposure

8.2.1.1 Respiratory protection Monitor the exposure parameters and if the permitted limit is exceeded, wear respirators. Inhalation of wood dust shall be avoided.

8.2.1.2 Hand protection Not applicable

8.2.1.3 Eye protection Wear protection glasses against wood dust during the processing of the final product.

8.2.1.4 Skin protection Wear protection overalls and shoes.
Wash the skin and equipment after exposure to dust.

8.2.2 Environment exposure control The wastes shall be processed pursuant to the valid legislation.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

9.1.1 Look	Physical state	Solid
	Colour	Light brown
9.1.2 Odour	Perceivable	Specific resin and wood odour

9.2 Important health, safety and environmental information

pH Not applicable

9.3 Miscellaneous

Flash temperature Not applicable
Specific weight (550 ÷ 700) kg/m³



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10. STABILITY AND REACTIVITY

The product is stable under normal handling and storage conditions, as laid down in chapter 7.

10.1 Conditions to avoid

Exposure to humidity causes swelling of the product.
Exposure to sun may cause a depreciation of the product performances.

10.2 Materials to avoid

- water
- fire

10.3 Hazardous decomposition products

Not applicable

11. TOXICOLOGICAL INFORMATION

Not applicable for the final product. For wood dust resulting from handling:

Ingestion:	not applicable
Skin contact:	non-irritating
Eye contact:	slightly irritating
Inhalation:	irritating

The machines used for processing must be fitted with proper exhaust devices.
The working environment must be properly ventilated.

12. ECOLOGICAL INFORMATION

The product or its waste must not infiltrate into drainages or water flows and must not be stored, so that it affects the soil and surface water quality.



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13. DISPOSAL CONSIDERATIONS

The wastes shall be handled pursuant to the valid legislation.

The disposal of the product and any other by-product must comply with the legal requirements concerning the environmental protection and any other requirements of the local authorities, for the whole life span.

14. TRANSPORT INFORMATION

Road and railway (ADR/RID): not dangerous for transportation
Sea (IMDG): not dangerous for transportation

Other transportation related information:

Check if the cargo is properly fixed with adequate belts, in order to ensure its stability during transportation.

The cargo must be always covered, in order to avoid any rain or humidity exposure.

15. REGULATORY INFORMATION

According to Annex 2 to Governmental Decree 1408/2008 (Annex 1 to Directive 67/548/EEC) the product is not considered hazardous.

Labelling:

Hazard symbol: not applicable
Risk phrases: not applicable
Safety phrases: not applicable

National regulations approximated with the regulations of the European Directives (Regulation EC no. 1907/2006, Directive 67/548/EEC) on the classification, packaging and labelling of dangerous chemicals: Governmental Decree 1408/2008, Governmental Decree 92/2003, Ordinance 608/2002.



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List of references: Safety data sheets – raw materials – from suppliers
European and Romanian legislation
EINECS – European Inventory of Existing Chemical Substances
CAS – Chemical Abstract Service
ANPM – National Environmental Protection Agency
<http://ecb.jrc.ec.europa.eu> – European Commission – Joint Research Center – Institute for Health and Consumer Protection

The information laid down in this safety data sheet corresponds to the best knowledge available when this document was issued.

When this product is used together with other materials, the supplied information is not complete and it is necessary that the user should study and apply the valid regulations (food hygiene, safety and environmental and personnel protection, etc.).

This information is considered correct but it provides no explicit or implicit guarantee.

The distinctive features laid down in this safety data sheet are no contractual specification.

01/10/2011

APPROVED

PRODUCTION MANAGER

Mihai-Paul SZABO

