

PRODUCT SAFETY CARD

According to EU Directive no. 93/112/ EEC

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1. IDENTIFICATION OF THE SUBSTANCE AND MANUFACTURER

1.1. Substance identification

**Particleboard, raw sanded
according to STN EN 312-P2**

1.2. Manufacturer identification:

KRONOSPAN, s. r.o.
Lučenecká cesta 1335/21, 960 96 Zvolen
IČO:
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2. COMPOSITION

Product contains natural wood chips and a urea-formaldehyde adhesive mixture.

3. HAZARDS IDENTIFICATION

Formaldehyde content.

The product is classified in class E1 and E-LE, free formaldehyde content up E1 to 8 mg and E-LE to 4 mg HCHO per 100 g a.s. boards according to STN EN 312-P2.

4. SAFETY INSTRUCTIONS FOR PROCESSING

When working with the product, mechanical injuries come into consideration during its handling and machining. Workers must be equipped with protective equipment, in particular leather aprons, gloves, goggles and noise protection devices.

5. FIRE-FIGHTING MEASURES

The product is classified in flammability class C2 – medium flammable according to STN 73 0823.

Suitable extinguishing media: water, foam, CO₂ powder.

Special protective equipment for fire-fighters: we recommend a personal protective suit with reduced flammability, self-contained breathing apparatus, safety goggles, safety shoes, suit against fire or radiant heat.

In case of small fire, use hand fire extinguishers.

6. HANDLING AND STORAGE

The product is stored on pallets by stacking in airy, dry and covered areas with a constant temperature, at least 100 cm from the walls, in accordance with safety regulations for handling and storage on technological equipment in warehouse. No open flames and no smoking. Wiring in the warehouse and storage equipment in non-sparking design.

No other materials, especially flammable and volatile substances, may be stored in the chipboard warehouses.

The product must be protected from direct radiant heat.

7. EXPOSURE CONTROLS / PERSONAL PROTECTION IN WAREHOUSE

Ensuring continuous ventilation of storage areas – the suitable powerful air conditioning.

Personal protective equipment for warehouse workers:

Hand and foot protection: abrasion resistant gloves, safety shoes

8. PHYSICO-MECHANICAL AND CHEMICAL PROPERTIES

The product is made according to STN EN 312 Particleboards. Boards of agglomerated wood and similar lignocellulosic materials. Particleboards. Technical requirements.

9. STABILITY AND REACTIVITY

The product is a standard large-area wood-based material that is not subject to physical or chemical changes under standard storage conditions.

10. TOXICOLOGICAL INFORMATION

Acute toxicity not been established.

NPK for working atmosphere according to the Bulletin of the Ministry of Health of the SR 1985, issue 8 on hygienic requirements for the working environment (Decree No. Z-9021 / 84-B / 2-06):

Free formaldehyde	average	0,5 mg.m ⁻³
	limit	1,0 mg.m ⁻³

11. ECOLOGICAL INFORMATION

The product meets the requirements for the content of free formaldehyde according to STN EN 312-P2. It is inspected and tested for content at the production plant for the formaldehyde content according to par. 4.3 STN EN 312-P2 and external supervision through and accredited laboratory.

12. DISPOSAL CONSIDERATIONS

Wastes from production handling are classified according to the Decree of the Ministry of the Environment of the Slovak Republic no. 284/2001 to waste group 030 105, to waste category 0 – other waste. The product has no hazardous properties according to Decree no. 284/2001 Annex no. 2 „List of hazardous properties of waste under the Basel Convention“.

13. TRANSPORT INFORMATION

The product can be transported by standard means of transport without special modifications.

14. LEGISLATIVE INFORMATION

STN EN 312	Particleboard. Specification, Part 1-7: General requirements for all types of boards
STN ISO EN 12460-5	Wooden materials. Determination of formaldehyde content.
STN 73 0823	Extraction procedure called „perforator method“ Degree of flammability of building materials

Act 163/2001 on chemical substances and chemical preparations

Act no. 223/2001 on waste and on the amendment of certain laws Decree of the Ministry of Education of the Slovak Republic no. 284/2001, which establishes the Waste Catalog. Decree of the Ministry of Economy of the Slovak Republic no. 67/2002, which issues a list of selected chemical substances and selected chemical preparations, the placing on the market and use of which is restricted or prohibited.

Announcement of the Ministry of Economy of the Slovak Republic no. 402/2001 on the issuance of Decree no. 7 of September 21 2001 „List of selected dangerous substances and chemical preparations the placing on the market of which is restricted for their effects on human life and health and the environment and the list of selected dangerous chemical substances or selected dangerous chemical preparations subject to prior consent after prior notification“.

Decree no. Z-9021/84-B/2-06 „Modification on hygienic requirements for working environment – change“, Bulletin of the Ministry of Health of the SR 1985, volume 8.

15. MORE DETAILS

Training instructions: Workers who come contact with this product must be trained before starting work (when entering work) on the properties of the product, work safety and fire protection. This training must be completed once a year by each employee.

16. CONCLUSION

The production of the product is ensured by a quality management system. The data are based on the current state of knowledge and experience. The safety data sheet describes the product in terms of safety and health requirements.

The information does not guarantee the properties of the product.
