



mdf safety data sheet

Safety Data Sheet: According to Regulation (EC) no.1907/2006 of the European Parliament and of the Council amended at 01.12.2023

1. Identification of the Article and of the Company/Undertaking

1.1 Article identifier	
Article name	Fibreboards (type MDF/MDF MR)
EC number	-
REACH registration no.	-
CAS no.	-

1.2 Article uses		
Relevant identified uses:	MDF	Used in dry conditions
	MDF MR	Used in humid conditions
EC number	MDF	Humid conditions, constructions
	MDF MR	Constructions

1.3 Company/undertaking (manufacturer + importer/EU distributor) identifier	
Manufacturer	KRONOSPAN TRADING SRL
Mailing address	Str. M. Kogalniceanu no. 59, floor.1, room 1/12
Country/Postal code/Locality	România, 515800 SEBES, Jud Alba
Telephone/FAX number	0040-258 801100/0040-258 801199
E-mail address of competent person responsible for the SDS	office.ro@kronospan.ro
Emergency telephone number	112

2. Hazards Identification/Label Elements

2.1 Classification of the article:

According to EC Regulation no. 1272/2008 [CLP], as amended and supplemented at 01.12.2023 the product is not classified.

2.2 Labelling according to CLP:

It is not necessary.

2.3 Other hazards:

Should be considered a danger arising from the presence of wood dust resulting from further processing.

3. Composition/Information On The Components (Ingredients) Of Mixtures

3 Composition/Information On The Components (Ingredients) Of Mixtures									
Present Product substances type	Dry wood	Melamine Formaldehyde resin	Parafin emulsion	Uran	Ammonium bisulphite	Urea	Dyestuff	Water	Melamine film
MDF Standard	x	x	x	x	x	x	-	x	-
MDF 3D	x	x	x	x	x	x	x	x	-
MDF Bright	x	x	x	x	x	x	-	x	-
K MDF	x	x	x	x	x	x	-	x	-
MDF MR	x	x	x	x	x	x	x	x	-
MDF overlaid									x
CAS No. :	-	-	-	-	10192-30-0			7732-18-5	-
EINECS No.	-	-	-	-	233- 469-7			231-791-2	-



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The product is not classified as dangerous. The component (resin) with content of dangerous substance (formaldehyde –CAS 50-00-0):

The content of substance in product:	<0,02%
The classification of the substance according Reg. (CE) 1272/2008, amended; Hazard statement*	Carc. 1B; H350 - May cause cancer Muta 2; H341 - Suspected of causing genetic defects Acute Tox. 3; H331- Toxic if inhaled Acute Tox. 3; H311- Toxic in contact with skin. Acute Tox. 3; H301- Toxic if swallowed. Skin Corr. 1B; H314 - Causes severe skin burns and eye damage. Skin Sens. 1; H317 - May cause an allergic skin reaction.

* for explanation of hazard statement see 16.5

The hazard statements (H) mentioned in this paragraph refer only to the dangerous component; not the finished product.

The component substances in the form of impurities, additives or individual components in this product are not found in concentrations that determine the classification of the product as dangerous according to Regulation (EC) 1272/2008.

4. First Aid Measures

For wood dust resulting from further processing:

In case of contact with skin:

The product can be irritating for people with sensitivity to wood and wood products. Wash the skin with soap and water.

In case of contact with eyes:

Do not rub your eyes. Rinse eyes with water. If irritation persists required specialized medical assistance.

In case of ingestion:

Rinse mouth with water, swallowing water. There are no known effects that require first aid measures.

In case of inhalation:

Remove the subject to fresh air.

5. Firefighting Measures

The Product Does Not Self-Ignition

Wood dust can result in subsequent processing easily ignite in contact with a source of fire.

If the product is involved in a fire:

Extinguishing media: Water, Carbon dioxide, Chemical extinguishing media, foam and powder

Extinguishing media to avoid: Not applicable

Risks on firefighting: Avoid inhalation of combustion fumes. In case of accidental inhalation of decomposition products is necessary medical assistance.

Special protective equipment for firefighters: Self-contained breathing apparatus.

Other information: You shall ensure that the water resulting from fire fighting not come into contact with surface water or groundwater.



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6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment And Emergency Procedures

6.1.1 For Non-Emergency Personnel

Wear suitable protective equipment (referred to under Section 8) to prevent any contamination with the released product.

Do not breathe the smoke, fire gas or vapours.

6.1.2 For emergency responders

Same as in the previous paragraph.

6.2 Environmental Precautions

Collect the material by mechanical procedures.

Personal protective equipment as per point 8.2.1.

Equipment used in products processing must be equipped with suitable suction systems, according with the specific laws regarding the human health, safety and environmental protection.

6.3 Methods And Material (For Fire Containment And) For Cleaning Up

Proceed in the same way regardless of whether large or small quantities are spilled.

Recover the product.

The waste is inserted into the packaging waste for recovery.

6.4 Reference To Other Sections

Sections 8 and 13 show personal protection and disposal considerations.

7. Handling And Storage

7.1 Handling

During handling, use the protective equipment mentioned at point 8.2.1.

The product is necessary to be adequately anchored in the means of transport.

The handling of the products packed on the pallet is done mechanized.

7.2 Conditions For Safe Storage, Including Any Potential Incompatibilities

Technical measures and storage conditions:

Protect against fire.

Do not storage the products directly on the ground.

Arranged the boards in horizontal position, on clean surfaces for avoid degradation.

Do not arrange the boards in vertical plane, supported by edges; even so it is for a short time.

Packaging materials:

Wooden pallets to avoid damage.

Requirements for storage areas:

Store the product in places:

Well ventilated, Protected from the elements, Humidity: $60 \div 70$ %, Temperature: $> 0^{\circ}\text{C}$

Instructions for storage:

Materials to avoid (Incompatibilities): flammable and combustible substances, sources of heat or ignition (open flames, sparks, etc.)
strong acids and oxidants



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Further information on storage conditions:

No smoking, drinking or dining in the place of storage products

7.3 Specific End Use

Not intended for end use. It is used in furniture industry.

8. Exposure Control/Personal Protection

8.1 Control Parameters

Exposure limit values for wood dusts (which may appear during subsequent processing), according to HG 1218/2006 R1 from 39.07.2021. amended at 11.03.2024, Annex 4- Mandatory occupational exposure limit values for dusts and fibers

Control Parameters				
Name of the substance	EINECS	CAS	Occupational exposure Limit value 8 hours ⁴	Observations ²
Hardwood powder	-	-	2 (mg/m ³) ^{1, 3}	Breathing fraction
Wood (soft essence)	-	-	5 (mg/m ³) ¹	Breathing fraction

Note:

1. mg/m³ = milligram/cubic meter of air at 20°C and 101,3 kPa (760 mm mercury column)

2. The type of fraction of the powder is indicated, the number of the European directive in which the respective occupational exposure limit value was established, the classification according to Regulation (EC) no. 1272/2008 - annex VI, as well as transitional measures

3. Breathing fraction; if the hard essence wood dusts are mixed with others, the limit value is for all wood dusts existed in the mixture.

4. Measured or calculated relative to a reference period of eight hours as a time-weighted average

The monitoring of these values is made according to the "Environment Authorization", which the firm allows for its engage activity.

8.2 Exposure Control

8.2.1 The occupational exposure control

Engineering controls: Compliance with process parameters and to avoid spreading mode accidental dust workspaces.

Personal protection equipment:

Respiratory protection: Monitoring the exposure parameters and in case of exceeding the permitted limit wear protection mask. Avoid the wood dust inhalation.

Hand protection: Wear protection gloves in case of manual handling.

Eye protection: Wear protection glasses at the processing product.

Skin protection: Wear protection equipment (clothes and shoes).

Industrial hygiene: Wash skin and equipment after contact with the dust (for eliminate the dust).

Do not eat or drink at work place.

8.2.2 Compulsory Signs For The Protective Equipment:

Compulsory body protection, Compulsory hand protection, Compulsory eyes protection

Source: Gov. Hot. No. 971/26 July 2006 regarding of minimum requests for security and health signaling at work

8.2.3 Environmental Exposure Controls

Preventive maintenance on plants.

8.2.4 Consumer Exposure Controls

The same as stipulated under item 8.2.2.



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9. Physical And Chemical Properties

9.1 General Information

Appearance: Physical state: Solid, Color: light brown/green, Odor: Specific wood and resin

9.2 Other Information

Not necessary

10. Stability And Reactivity

Chemical stability: The product is stable under normal handling and storage provided for in point 7.

Possibility of hazardous reactions: The product is stable if stored and handled as instructed/directed.

Conditions to avoid: Exposure to water, frost, high humidity and fire sources.

Exposure to moisture causes the swelling of the product.

Exposure to sunlight may cause a reduction in product characteristics.

Incompatible materials: Water, fire, acids, strongly oxidizing substances

Hazardous decomposition products: Not applicable

11. Toxicological Information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

No acute or chronic toxic effects of the product are reported in accordance with Reg. (EC) 1272/2008.

The International Agency for Research on Cancer (IARC) classifies wood dust as a human carcinogen (IARC group 1).

The dust produced by cutting, grinding or other abrasive actions on the product can cause irritation to the respiratory tract and eyes as well as skin irritation for people with sensitivity to wooden products.

The machines used for the product processing must be equipped with suitable suction systems.

The working environment must be well ventilated.

The concentrations in the working environment must not exceed the limit values prescribed in point 8.1.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

There are no data attesting to the inhibitory or disruptive effects of the substance on endocrine activity in humans.

11.2.2 Other information

Is not necessary

12. Ecological Information

12.1 Toxicity

It's not necessary. The product is not classified as dangerous for the aquatic environment. However, it is not recommended that the product or its waste enter surface or underground waters.

12.2 Persistence and degradability

There is no relevant information.



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12.3 Potential for bioaccumulation

It's not necessary.

12.4 Mobility in soil

There is no relevant information.

12.5 PBT and vPvB assessment results

It's not necessary.

12.6 Endocrine disrupting properties

It's not necessary.

12.7 Other adverse effects

No other relevant information is available.

13. Disposal Considerations

13.1 Waste Treatment Methods

13.1.1 Disposal Of Product/Packaging

MDF waste, code 03 01 05 and its package is treated with comply with the requirements of environmental protection and waste disposal legislation.

13.1.2 Information Relevant For Waste Treatment

The disposal of the product wastes complies with local legislation requirements.

13.2 Additional Information

13.2.1 Community Provisions On Wastes

Commission Decision 2000/532 as of May 3rd, 2000 - substituting Decision 94/3/EC establishing a list of wastes pursuant to article 1 letter (a) of the Council Directive 75/442/EEC on waste

Directive 2008/98/EC - On waste and repealing certain Directives

13.2.2 National provisions on wastes

Law 249/2015 - Regarding to handle packaging and packaging waste

GD 856/2002 - regarding waste management inventory and for the approval of the waste list, including hazardous waste

Law 256/2006 - on environmental protection

Law 319/2006 - on the occupational safety and health

GD 1061/2008 - on the transport of hazardous and non-hazardous waste throughout Romania

Law 17/2023 - on the waste regime



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14. Transport Information

Road and railway (ADR/RID): not dangerous for transport

Maritime (IMDG): not dangerous for transport

Other information regarding the transport:

Check that the load is well fixed with suitable belts to ensure the stability during transportation.

The loaded product must always be well covered in order to avoid any contact with rain or moisture.

In case of sea transport, the product should be covered with term retractable plastic film.

15. Regulatory Information

15.1 Specific Community Provisions

Regulation (EC) no. 1907/2006 of the European Parliament and Council, amended at 01.12.2023

- concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 703/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

Regulation (EC) no. 1272/2008 of the European Parliament and Council, amended at 01.12.2023

- on the classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Directive 98/24/EC of the Council as of April 07th, 1998, amended 25.07.2019

- on the protection of the health and safety of workers from the risks related to chemical agents at work

15.2 Applicable National Legislation

GD 1218/2006 R.1 from 29.07.2021, amended 11.03.2024

- laying down minimum requirements for safety and health at work to ensure the protection of workers from risks related to chemical agents

16 Other Information

16.1 Sds Revisions

16.1 SDS REVISIONS					
Version	Edition	Revision	Submitted	Section	Amendment
1	1	0	01.11.2018	The entire document	Initial issue
1	1	1	23.12.2022	3 11.1, 11.2, 12 si 15.1	Adding products and correcting the composition Update in accordance with EU Regulation 878/2020
1	2	0	01.12.2023	Entire document	drafting harmonization; update applicable legislation



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16.2 Abbreviations And Acronyms

ADR – European Agreement concerning the International Carriage of Dangerous Goods
CAS – Chemical Abstracts Service
EC – European Commission
CLP – Classification, Labelling and Packaging (according to Directive EC no. 1272/2008 amended and supplemented as 2.1)
EN – European norm
SDS – Safety Data Sheet
GD – Government Decision
REACH – Regulation (EC) no. 1907/2006 (amended and supplemented as 15.1) of the European Parliament and Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals
RID – Regulation concerning the International Carriage of Dangerous Good by Rail
IMDG – International Maritime Dangerous Goods
EINECS – European Inventory of Existing Commercial Chemical Substances
UE – European Union

16.3 Specialized Literature And Data Source

<http://echa.europa.eu/web/guest/regulations/clp/cl-inventory> - ECHA inventory of classification and labelling

<http://www.ilo.org/dyn/icsc/showcard.home> - Database of the International Labour Organisation, International Chemical Safety Cards

http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en
- The Portal of the Organization for Economic Cooperation and Development (OECD) in collaboration with the European Commission (EC), European Chemicals Agency (ECHA), the United States, Canada, Japan, International Council of Chemical Associations (ICCA), the Advisory Committee for Industrial Affairs (BIAC), the International Programme on Chemical Safety (IPCS) of the World Health Organization (OMS), United Nations Environment Programme (UNEP) and environmental nongovernmental organizations.

<http://www.inchem.org/> - International Programme on Chemical Safety (IPCS)

16.4 Classification Of The Product

Classification in accordance with Regulation (EC) no. 1272/2008, amended: Classification, packaging and labeling of chemicals and mixtures

The article has not been subjected to testing by the manufacturer: Based on the data collected is not classified

16.5 List Of H Statements (For The Components Of Section 3)

H350 – May cause cancer
H341 – Suspected of causing genetic defects
H317 – May cause an allergic skin reaction
H331 – Toxic if inhaled.
H311 – Toxic in contact with skin.
H301 – Toxic if swallowed.
H314 – Causes severe skin burns and eye damage.

16.6 Recommendations For Workers

It is recommended to train workers in preventing industrial risks for the personnel using/processing this product, in order to facilitate understanding and interpretation of this Safety Data Sheet, as well as product labelling.

16.7 Additional Information

The data and information contained in this safety data sheet is based on national and European legislation on specialised papers available at the time of writing and refers solely to the product reviewed.

The purpose of this sheet is to describe the product in terms of safety in use and does not constitute any express or implied warranty on the specific properties of the product. The information contained in this sheet is believed to be accurate and refers solely to the product indicated and may become invalid if the product is used in combination with other materials or contaminated with other products during work.



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The peculiarities of this safety data sheet do not constitute a contractual specification.

The user shall always have the obligation to study and apply legal regulations in force (food hygiene, environmental and personnel safety and protection, etc) so as to ensure safe usage of the product.

In case the safety data sheet is translated into other languages, the Romanian version is the main document, in case of dispute.

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