

SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended

CETRIS cement-bonded chipboards

Creation date 6th August 2026 Version 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1. Product identifier** CETRIS cement-bonded chipboards
Substance / mixture mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use
Cement-bonded chipboards
Mixture uses advised against
The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**
Supplier
Name or trade name CIDEM Hranice, a.s.
Address Skalní 1088, Hranice, 753 01
Czech Republic
Phone +420 581 676 111
Email cetris@cetris.cz
- Competent person responsible for the safety data sheet**
Name ENVI GROUP s.r.o.
Email info@envigroup.cz
- 1.4. Emergency telephone number**
European emergency number: 112

SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**
Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Skin Irrit. 2, H315
Skin Sens. 1B, H317
Eye Dam. 1, H318
STOT SE 3, H335

Most serious adverse effects on human health and the environment

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation.

Note: The product is not dangerous in the form in which it is supplied by the manufacturer. In the production of cement-bonded particleboard (mixing of loose additives and water, pressing of boards, hardening and drying) the irritating effects of individual components are eliminated and the resulting product has no adverse effects on human health. Subsequent processing of cement-bonded particleboard (eg cutting, grinding) generates dust, which can have irritating and sensitizing effects as described above.

- 2.2. Label elements**

Hazard pictogram



Signal word

Danger

Hazardous substances

Cement, portland, chemicals

Hazard statements

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.

Precautionary statements

P261 Avoid breathing dust.

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P280 Wear protective gloves/protective clothing/eye protection.
P302+P352 IF ON SKIN: Wash with plenty of water and soap.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314 Get medical advice/attention if you feel unwell.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended. Does not contain any PMT or vPvM components.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
CAS: 65997-15-1 EC: 266-043-4	Cement, portland, chemicals	45-55	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Dam. 1, H318 STOT SE 3, H335	
CAS: 7784-31-8 EC: 616-524-3	Aluminium sulfate octadecahydrate	0.5-1	Eye Dam. 1, H318	

Full text of all classifications and hazard statements is given in the section 16.

Additional information

Other components: chipboard 18.1%, water 29.7%

SECTION 4: First aid measures

4.1. Description of first aid measures

These instructions apply to cases of exposure to dust generated during board processing:

If you feel unwell after exposure or if problems persist, seek medical attention. If unconscious, place the affected person in a stabilizing position on their side and call a doctor. Do not give anything by mouth if unconscious.

If inhaled

Remove the affected person to fresh air. If symptoms persist, seek medical attention.

If on skin

Wash the affected area with soap and water.

If in eyes

Immediately flush open eyes with water. If the victim wears contact lenses, remove them immediately and continue rinsing. If problems persist, see a doctor.

If swallowed

Not considered a possible route of exposure. If swallowed, rinse mouth with water. If you feel unwell, seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

If inhaled

not available

If on skin

not available

If in eyes

not available

If swallowed

not available

4.3. Indication of any immediate medical attention and special treatment needed

Special means are not intended. Treatment is symptomatic.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product is not flammable. Adapt the extinguishing agents to the surrounding conditions

Unsuitable extinguishing media

Do not use strong water jets. Using a high-power current can spread a fire.

5.2. Special hazards arising from the substance or mixture

In case of fire, hazardous combustion products may be formed: Carbon oxides (CO, CO₂) and other hazardous gases

5.3. Advice for firefighters

Complete protective equipment for firefighters with self-contained breathing apparatus. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid breathing dust. Use personal protective equipment.

6.2. Environmental precautions

No special measures required.

6.3. Methods and material for containment and cleaning up

If the product is not mechanically or otherwise damaged, it can be reused. Collect contaminated products or product residues and store in waste collection containers. Dispose of in accordance with local regulations.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use personal protective equipment when working on cement-bonded particleboard, such as cutting, drilling, milling and grinding, see 8. Ensure adequate ventilation. Handle the boards in a vertical position. Follow the rules of occupational hygiene, wash your hands and face after work.

7.2. Conditions for safe storage, including any incompatibilities

Store in a covered, dry place so that the boards do not get wet.

7.3. Specific end use(s)

Information not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

Other information of limit values

DNEL, PNEC - values not available

8.2. Exposure controls

Ensure adequate ventilation when machining cement-bonded particleboard, such as cutting, drilling, milling and grinding. Ensure that persons using personal protective equipment work with the product. Wash hands and face thoroughly with soap and water after work. Do not eat, drink or smoke while working. The monitoring procedure for the content of substances in the workplace air and the specification of protective equipment are determined by the worker responsible for occupational safety and health protection

Eye/face protection

Wear safety goggles when working on cement-bonded particleboards.

Skin protection

Hand protection: Protective gloves resistant to the product. Other protection: protective workwear. Contaminated skin should be washed thoroughly.

Respiratory protection

Not necessary if there is sufficient ventilation.

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Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	solid
Colour	data not available
Odour	data not available
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	non-flammable
Lower and upper explosion limit	data not available
Flash point	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	data not available
Solubility in water	data not available
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	data not available
Relative vapour density	data not available
Particle characteristics	data not available

9.2. Other information

Color: according to shade
Moisture (weight %): 9 +/- 4

SECTION 10: Stability and reactivity

10.1. Reactivity

It is stable under normal conditions of use and storage.

10.2. Chemical stability

The mixture is stable under normal storage and handling conditions.

10.3. Possibility of hazardous reactions

Not assumed.

10.4. Conditions to avoid

Prevent the product from getting wet.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

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

Hazardous substances in concentrations exceeding exposure limits may cause acute inhalation poisoning, depending on the concentration and duration of exposure. No toxicological data is available for the mixture.

Acute toxicity

Based on the available data, the criteria for classification of the mixture are not met.

Aluminum sulfate: LD50, oral, 6200 mg/kg, rat

Silicic acid, sodium salt: oral, 3400 mg/kg, rat

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Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Based on the available data, the criteria for classification of the mixture are not met.

Carcinogenicity

Based on the available data, the criteria for classification of the mixture are not met.

Reproductive toxicity

Based on the available data, the criteria for classification of the mixture are not met.

Toxicity for specific target organ - single exposure

May cause respiratory irritation.

Toxicity for specific target organ - repeated exposure

Based on the available data, the criteria for classification of the mixture are not met.

Aspiration hazard

Based on the available data, the criteria for classification of the mixture are not met.

11.2. Information on other hazards

Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption for humans.

Other information

The product is not dangerous in the form in which it is supplied by the manufacturer. In the production of cement-bonded particleboard (mixing of loose additives and water, pressing of boards, hardening and drying) the irritating effects of individual components are eliminated and the resulting product has no adverse effects on human health. Subsequent processing of cement-bonded particleboards (eg cutting, grinding) generates dust, which can have irritating and sensitizing effects.

SECTION 12: Ecological information

12.1. Toxicity

Based on the available data, the criteria for classification of the mixture are not met.

12.2. Persistence and degradability

No data are available for either the mixture or the components.

12.3. Bioaccumulative potential

No data are available for either the mixture or the components.

12.4. Mobility in soil

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PMT or vPvM components.

12.5. Results of PBT and vPvB assessment

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PBT or vPvB components.

12.6. Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption in the environment.

12.7. Other adverse effects

Not available.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of the waste according to local/official regulations.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

17 01 07 mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06

SECTION 14: Transport information

14.1. UN number or ID number

not subject to transport regulations

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

No

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 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, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.

Guidelines for safe handling used in the safety data sheet

P261 Avoid breathing dust.
P280 Wear protective gloves/protective clothing/eye protection.
P302+P352 IF ON SKIN: Wash with plenty of water and soap.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314 Get medical advice/attention if you feel unwell.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

Other important information about human health protection

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The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR	Agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency Response Procedures for Ships Carrying Dangerous Goods
EU	European Union
EuPCS	European Product Categorisation System
Eye Dam.	Serious eye damage
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
log Kow	Octanol-water partition coefficient
OEL	Occupational Exposure Limits
PBT	Persistent, bioaccumulative and toxic
PMT	Persistent, mobile and toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulation concerning the International Carriage of Dangerous Goods by Rail
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STOT SE	Specific target organ toxicity - single exposure
UN number	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very persistent and very bioaccumulative
vPvM	Very persistent and very mobile

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.

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