

Code	SDS_OSB_en_EU
Version	2
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# Safety Data Sheet

## EGGER OSB

According to Regulation ( EC) No 1907/2008 (REACH)

This product is not hazardous in the form in which it is shipped by the manufacturer, but may become hazardous by wood dust generating downstream activities (e.g. grinding, sanding, cutting or pulverizing).

## Section 1: Identification of the substance/mixture and the company/undertaking

### 1.1 Product Identifier

Trade name	EGGER OSB (Oriented Strand Board) EGGER OSB 4 TOP, EGGER OSB 3, EGGER OSB 3 E0, EGGER OSB 3 TOP, EGGER OSB 2, EGGER OSB 2 E0, EGGER Ergo Board, EGGER OSB HDX, EGGER Roofing Board, EGGER OSB 3 JAS TOP, EGGER Structural Flooring, EGGER OSB PS 2 EXP 1, EGGER OS'Brace®, EGGER OS'Floor TM, EGGER DecoWall
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Product description	EGGER OSB ia a multi-layer board made of long, aligned wood chips, which is used in timber construction, finishing and packaging
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### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended use	Construction
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### 1.3 Details of the supplier of the Safety Data Sheet

Manufacturer/Supplier/Importer	Fritz EGGER GmbH & Co. OG (group)
Regional Support Centre	EGGER Holzwerkstoffe Wismar GmbH & Co. OG Am Haffeld 1 23970 Wismar

Additional Information	SC EGGER Romania SRL Str. Austriei 2 PO Box 38 725400 Radauti environment@egger.com
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### 1.4 Emergency phone number

1-800-424-9300 / +1 703-527-3887 (Chemtrec)

## Section 2: Hazards identification

### 2.1 Classification of the substance or mixture

EU-OSHA	This product is generally an article and not hazardous, but is regulated under EU-OSHA for the release of wood dust during downstream activities, like grinding, sanding, cutting and sawing.
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### 2.2 Label elements

Hazard pictograms	
Signal word	<b>void</b>
Hazard statements	<p>The following statements refer to dust generating downstream activities</p> <p>May form combustible dust concentrations in air</p> <p>H315 Causes skin irritation</p> <p>H317 May cause an allergic skin reaction</p> <p>H320 Causes eye irritation</p> <p>H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled</p> <p>H335 May cause respiratory irritation</p> <p>H350 May cause cancer (inhalation)</p> <p>H373 Causes damage to organs through prolonged or repeated exposure (inhalation)</p>
Precautionary statements	<p>P202 Do not handle until all safety precautions have been read and understood</p> <p>P210 Keep away from heat/sparks/open flames/hot surfaces – no smoking</p> <p>P260 Do not breathe dust</p> <p>P271 Use only outdoors or in a well-ventilated area</p> <p>P280 Wear protective gloves/protective clothing/eye protection</p> <p>P302+P352+P305+P351+P338 On contact: Wash thoroughly with water</p> <p>P308+P337+P314+P340+ P264 If exposed or concerned: Get medical advice/attention if you feel unwell, move to fresh air</p>

**2.3 Other hazards**

Results of PBT and vPvB assessment	
PBT	Not applicable
vPvB	Not applicable
EU-OSHA	This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard in the form in which it is shipped, but may become hazardous by wood dust generating downstream activities (e.g. grinding, sanding, cutting or pulverizing).

**Section 3: Composition/information on ingredients**

**3.2 Chemical characterization: Mixtures (article)**

Description	The products are composed of wood and cured resins (polymer). See Section 8 for exposure limits discussion.
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\*Wood contains trace amounts of various chemicals present in the environment, which are absorbed by trees through natural growth. A comprehensive listing of species is available upon request.

**Section 4: First aid measures**

**4.1 Description of first aid measures**

General information	No special measures required regarding the product in the form it is shipped, downstream activities like cutting, sawing or grinding can generate dust. To avoid health hazards while these downstream activities, take note of the following measures:
Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
Eye	Rinse cautiously with water for several minutes. Remove contact lenses, if present

Ingestion and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
Rinse mouth thoroughly with water. Get medical attention if you feel unwell and contact a poison control center or medical professional.

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

Refer to Section 11 – Toxicological Information

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

No further relevant information available

### Section 5: Firefighting measures

#### 5.1 Extinguishing media

Use firefighting measures that suit the environment

Water

Fire-extinguishing powder

Carbon dioxide

Foam

#### 5.2 Special hazards arising from the substance or mixture

OSB is a combustible material. If involved in a fire, product will burn.

OSB is not an explosion hazard. Sawing, sanding, or machining OSB can result in the by-product wood dust. Wood dust may present a strong to severe explosion hazard if a dust cloud contacts an ignition source.

Airborne concentrations of 15 grams per cubic meter are often used as the lower explosive limit (LEL) for wood dusts.

In case of fire, the following gases can be released:

Carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO), Oxides of Nitrogen and other hazardous gases and particles

#### 5.3 Advice for firefighters

Protective equipment

Mouth respiratory protective device

Additional information

Prevent formation of dust

Dispose of fire debris and contaminated firefighting water in accordance with official regulations.

### Section 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions

Do not breathe dust.

Emergency Procedures

No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended.

#### 6.2 Environment precautions

No special measures required

#### 6.3 Methods and material for containment and cleaning up

Not applicable for product in purchased form. Dust generated from sawing, sanding, drilling or routing this product may be vacuumed or shoveled for recovery or disposal. Wood dust clean-up and disposal activities should be accomplished in a manner to minimize of airborne dust.

Dispose of the material collected according to regulations

#### 6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment

See Section 13 for disposal information

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Use good safety and industrial hygiene practices. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Wear a respiratory mask if using hand tools without a dust extraction device. Observe all liability insurance association regulations for commercial processing operations (e.g. safety goggles).

Information on protection against explosions and fires:

Avoid formation of dust

### 7.2 Conditions for safe storage, including any incompatibilities

Storage

No special precautions for handling product. Use good safety and industrial hygiene practices. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Keep away from ignition sources

### 7.3 Specific end use(s)

No further relevant information available

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

Wood dust needs to be controlled while cutting, sawing, drilling or other dust generating processes are performed.

### 8.2 Exposure controls

	Result	COSHH	COSHH
Wood dust	WEL	3mg/m <sup>3</sup> Hardwood dust long term exposure limit	5mg/m <sup>3</sup> Softwood dust long term exposure limit
Formaldehyde (50-00-0)	WEL	2,5mg/m <sup>3</sup> long term exposure limit 2,5mg/m <sup>3</sup> short term exposure limit	

Engineering measures/ controls

Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values. Due to the explosive potential of wood dust when suspended in air, precautions should be taken during sanding, sawing or machining of wood products to prevent sparks or other ignition sources in ventilation equipment. Use of totally enclosed motors is recommended.

Personal Protective Equipment Pictograms



Respiratory

Use of a NIOSH/MSHA approved dust respirator is recommended where airborne dust levels exceed appropriate PELs and TLVs

Eye/Face

Wear safety glasses

Hands	Wear protective gloves Rubberized cloth, canvas or leather gloves
Skin/Body	Wear long sleeves and/or protective coveralls.
General Industrial Hygiene Considerations	Practice good housekeeping and avoid creating/breathing dust. Do not allow dust to collect. Maintain, clean, and fit test respirators I accordance with OSHA regulations.
Environmental Exposure Controls	No data available

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical State	Solid	Evaporation rate	Not relevant
Color	Varies	Partitions coefficient	Not relevant
Fire behaviour	Not relevant	Autoignition	No data available
Odor	No distinctive odor	Decomposition temperature	No data available
Vapor Pressure	Not relevant	Viscosity	No data available
Odor threshold	Not relevant	Burning time	No data available
Vapor density	Not relevant	Density	>=600kg/m <sup>3</sup>
pH	Not relevant	Oxidizing properties	No data available
Relative density	Not relevant	Explosive limits	No data available
Melting point	Not relevant	Flash point	Not relevant
Freezing point	Not relevant	Boiling point	Not relevant
Solubility	Not soluble in water		

### 9.2 Other information

No further relevant information available.

## Section 10: Stability and reactivity

### 10.1 Reactivity

The product is not reactive under normal conditions of use, storage and transport.

### 10.2 Chemical stability

Stable under recommended storage conditions

Conditions to be avoided: No decomposition if used according to specifications

### 10.3 Possibility of hazardous reactions

No dangerous reactions known

### 10.4 Conditions to avoid

Exposure to water, ignition source, high relative humidity and high temperature

### 10.5 Incompatible materials

Incompatible Materials: acids(strong), Oxidizers(strong)

### 10.6 Hazardous decomposition products

Hazardous decomposition may occur thermal and/or thermal oxidative decomposition can produce irritating and toxic fumes and gases.

## Section 11: Toxicological information

### 11.1 Information on toxicological effects

Other Material	Not applicable for product in purchased from. Individual component information is provided below if available	
Components		
Formaldehyde	50-00-0	Acute Toxicity: Ingestion/Oral Rat LD50 >200mg/kg; Inhalation Rat LD50 0.578mg/l/4h

### Potential Health Effects

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled (no control of dust generation) and overexposure occurs include:

#### Inhalation

Acute(Immediate)	May cause respiratory irritation
Chronic (Delayed)	Repeated and prolonged exposure may cause cancer. Repeated and prolonged exposure may cause sensitization of the respiratory system.

#### Skin

Acute(Immediate)	May cause irritation
Chronic(Delayed)	Repeated and prolonged exposure may cause sensitization

#### Eye

Acute (Immediate)	May cause irritation
Chronic(Delayed)	No data available

#### Ingestion

Acute(Immediate)	Under normal conditions of use, no health effects are expected.
Chronic(Delayed)	Under normal conditions of use, no health effects are expected.

### Carcinogenic Effects

Carcinogenic Effects  
Wood dust is listed by NTP known to be a Human Carcinogen(10th Report), IARC Monographs: Wood dust, group 1 – IARC Group 1: Carcinogenic to humans; sufficient evidence of carcinogenicity. This classification is primarily based on studies showing an association between occupational exposure to wood dust and adenocarcinoma of the nasal cavities and paranasal sinuses. IARC did not find sufficient evidence of an association between occupational exposure to wood dust and cancers of the hypopharynx, oropharynx, lymphatic and hematopoietic systems, lungs, stomach, colon or rectum.

	CAS	OSHA	IARC	NTP
Wood dust as Wood dust, all soft and hard woods	Not Available	Not listed	Group 1 – Carcinogenic	Known Human Carcinogen
Formaldehyde	50-00-0	Specifically Regulated Carcinogen	Group 1 – Carcinogenic	Known Human Carcinogen

## Section 12: Ecological information

### 12.1 Toxicity

Formaldehyde: EC50 5.8mg/l/48h (Daphnia magna)  
Not applicable for OSB

### 12.2 Persistence and degradability

No further relevant information available

**12.3 Bioaccumulative potential**

Formaldehyde: log P<sub>OW</sub>: 0.35

Not applicable for particleboard/MDF

**12.4 Mobility in soil**

No further relevant information available

General notes

Generally not hazardous for water

**12.5 Results of PBT and vPvB assessment**

PBT

Not applicable

Other adverse effects

Not applicable

**12.6 Other adverse effects**

No further relevant information available

**Section 13: Disposal considerations**

**13.1 Waste treatment methods**

Recommendation

Disposal according to local regulations

Uncleaned packaging recommendations

Dispose of packaging according to regulations on the disposal of packaging

**Section 14: Transport information**

**14.1 UN-number**

ADR, ADN, IMDG, IATA

Void

**14.2 UN proper shipping name**

ADR, ADN, IMDG, IATA

Void

**14.3 Transport hazard class(es)**

ASR, ADN, IMDG, IATA class

Void

**14.4 Packing group**

ADR, IMDG, IATA

Void

**14.5 Environmental hazards**

Not applicable

**14.6 Special precautions for user**

Not applicable

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable

**UN “Model Regulation”**

Void

**Section 15: Regulatory Information**

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

Not applicable

**15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out

## **Section 16: Other information**

This information is based on our present knowledge and comes from sources believed to be accurate or otherwise technically correct. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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