Safety Data Sheet
EGGER PerfectSense

According to 29 CFR 1910.1200 App D
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: PerfectSense Gloss/Matt Lacquered Boards
Medium density fiberboard, PerfectSense
Product description: Melamine resin coated MDF boards, with CCI UV coating technology

1.2 Relevant identified uses of the substance or mixture and uses advised against
Recommended use: Kitchen fronts, bathroom furniture, interior design, sliding door elements

1.3 Details of the supplier of the Safety Data Sheet
Manufacturer/Supplier/Importer: Fritz EGGER GmbH & Co. OG
Weiberndorf 20
6380 St. Johann in Tyrol
Austria
+43 0800 888 111
Regional Support Centre: EGGER Wood Products LLC(US)
P.O. Box 907
Lexington, NC 27293
T+1-800-940-9633

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
OSHA HCS 2012
This product is generally an article and not hazardous, but is regulated under OSHA for the release of wood dust during downstream activities, like grinding, sanding, cutting and sawing. The free formaldehyde levels are below OSHA reporting requirements. The classifications below are based upon wood dust:
Skin Irritation 2
Skin Sensitization 1
Eye Mild Irritation 2B
Respiratory Sensitization 1
Specific Target Organ Toxicity Repeated Exposure 2: Respiratory Tract Irritation
Carcinogenicity 1A
Combustible Dust
2.2 Label elements
Labelling according to paragraph (f) 1910.1200; OSHA 29 CFR
Hazard pictograms

Signal word
DANGER

Hazard statements
May form combustible dust concentrations in air
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H320 Causes eye irritation
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H335 May cause respiratory irritation
H350 May cause cancer (inhalation)
H373 Causes damage to organs through prolonged or repeated exposure
(inhalation)

Precautionary statements
P202 Do not handle until all safety precautions have been read and understood
P210 Keep away from heat/sparks/open flames/hot surfaces – no smoking
P260 Do not breathe dust
P271 Use only outdoors or in a well-ventilated area
P280 Wear protective gloves/protective clothing/eye protection
P302+P352+P305+P351+P338 On contact: Wash thoroughly with water
P308+P337+P314+P340+P264 If exposed or concerned: Get medical
advice/attention if you feel unwell, move to fresh air

2.3 Other hazards
Results of PBT and vPvB assessment
PBT Not applicable
vPvB Not applicable
OSHA HCS 2012 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).

NFPA Health=1, Flammability=1, Reactivity=0, Special Information=None
HMIS Health=1*, Flammability=1, Reactivity=0, PFE=E
*Chronic Health Hazard
E=Safety glasses, gloves, and a dust respirator

Section 3: Composition/information on ingredients
3.2 Chemical characterization: Mixtures
Description The products are composed of wood and cured amino resins. See Section 8 for
exposure limits discussion.
Components shown below may appear in some or in various combinations in a
particular product. With the exception of Formaldehyde, only components above the appropriate cut-off limit are shown.

The raw MDF is covered with melamine impregnated paper and lacquer based on acrylic acid. In the finished products the resin and the lacquer is cured.

*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.

All wood based products at EGGER for the US-market are certified according to the strict California Air Resources Board (CARB)/TSCA Title VI.

CALIFORNIA RESIDENTS: This product can expose you to chemicals including Formaldehyde which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Section 4: First aid measures

#### 4.1 Description of first aid measures

**General information**

No special measures required

**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. After contact with the molten product, cool rapidly with cold water.

**Eye**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion**

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

Medium density fiberboards are a Class A combustible material. If involved in a fire, product will burn.

Medium density fiberboards are not an explosion hazard. Sawing, sanding, or machining medium density fiberboards 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. OSHA
interprets the explosive level as having no visibility within five feet or less. In case of fire, the following gases can be released:
Carbon dioxide (CO₂), Carbon monoxide (CO), Oxides of Nitrogen, Aldehydes, Cyanides 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 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

<table>
<thead>
<tr>
<th>Result</th>
<th>ACGIH 2007</th>
<th>NIOSH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood dust</td>
<td>TWA</td>
<td>1mg/m³ TWA</td>
<td>1mg/m³ TWA</td>
</tr>
<tr>
<td></td>
<td>As Wood dust, all soft and hard woods</td>
<td>As Wood dust, all soft and hard woods</td>
<td></td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>TWA</td>
<td>0.3ppm TLV</td>
<td>0.016ppm TWA, 0.1ppm Ceiling (15 minutes)</td>
</tr>
<tr>
<td>(50-00-0)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 in 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

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Solid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Varies</td>
</tr>
<tr>
<td>Flammability</td>
<td>D-s2, d0 (EN 13501-1)</td>
</tr>
<tr>
<td>Odor</td>
<td>No distinctive odor</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Autoignition</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
</tbody>
</table>
Vapor Pressure | Not relevant
---|---
Odor threshold | Not relevant
Vapor Density | No data available
pH | Not relevant
Relative density | Not relevant
Melting point | Not relevant
Freezing Point | Not relevant
Solubility | Not soluble in water

### 9.2 Other information
No further relevant information available.

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### 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, generating carbon oxides, HCN, aldehydes and organic acids.

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### 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;

<table>
<thead>
<tr>
<th>GHS Properties</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>OSHA HCS 2012 – Acute Toxicity – Data lacking (Oral, dermal, inhalation)</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>OSHA HCS 2012 – Data lacking</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>OSHA HCS 2012 – Carcinogenicity 1A</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>OSHA HCS 2012 – Data lacking</td>
</tr>
<tr>
<td>Skin corrosion/Irritation</td>
<td>OSHA HCS 2012 – Skin Irritation 2</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>OSHA HCS 2012 – Skin Sensitizer1</td>
</tr>
<tr>
<td>STOT-RE</td>
<td>OSHA HCS 2012 – Specific target Organ Toxicity Repeated Exposure 2</td>
</tr>
<tr>
<td>STOT-SE</td>
<td>OSHA HCS 2012 – Specific target Organ Toxicity Single Exposure 3: respiratory Tract Irritation</td>
</tr>
</tbody>
</table>
Toxicity for Reproduction

OSHA HCS 2012 – Data lacking

Respiratory sensitization

OSHA HCS 2012 – Respiratory Sensitizer 1

Serious eye damage/Irritation

OSHA HCS 2012 – Eye Mild Irritation 2B

Target Organs
Skin/dermal. Lungs, Respiratory System

Route(s) of entry/exposure
Inhalation, Skin, eye

Medical Conditions
Dusts may aggravate asthma or other respiratory disorders.

Aggravated by Exposure

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 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

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.

Carcinogenic Effects

<table>
<thead>
<tr>
<th>CAS</th>
<th>OSHA</th>
<th>IARC</th>
<th>NTP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Available</td>
<td>Not Listed</td>
<td>Group 1-Carcinogenic</td>
<td>Known Human Carcinogen</td>
</tr>
<tr>
<td>50-00-0</td>
<td>Specifically Regulated</td>
<td>Group 1 – Carcinogenic</td>
<td>Known Human Carcinogen</td>
</tr>
</tbody>
</table>

Section 12: Ecological information

12.1 Toxicity

Formaldehyde: EC50 5,8mg/l/48h (Daphnia magna)
Not applicable for medium density fiberboard

12.2 Persistence and degradability

No further relevant information available
12.3 Bioaccumulative potential
Formaldehyde: log Pow 0.35
Not applicable for medium density fiberboard

12.4 Mobility in soil
No further relevant information available

12.5 Results of PBT and vPvB assessment
PBT Not applicable
vPvB 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
SARA Hazard Classifications Acute, Chronic
Inventory

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>Canada DSL</th>
<th>TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium density fiberboard</td>
<td>Not applicable</td>
<td>Not listed. All components are on the Canada DSL or are excluded from listing</td>
<td>Not listed. All components are on the TSCA inventory or are excluded from listing</td>
</tr>
</tbody>
</table>

Canada – WHMIS – Classifications of Substances

Medium density fiberboards and ingredients(unless listed below) N/A Not listed or below de minimis reporting quantities

Formaldehyde 50-00-0 B1, D1A, D2A, D2B

Canada – WHMIS – Ingredient Disclosure List

Medium density fiberboard and ingredients(unless listed below) N/A Not listed or below de minimis reporting quantities

Formaldehyde 50-00-0 0.1% (concentration in product is below de Minimis)

U.S. - OSHA – Process Safety Management – Highly hazardous Chemicals

Medium density fiberboard and ingredients(unless listed below) N/A Not listed

Formaldehyde 50-00-0 1000lb TQ

Environment

U.S. – CERCLA – Hazardous Substances

Medium density fiberboard and ingredients(unless listed below) N/A Not listed

Formaldehyde 50-00-0 100lb final RQ

U.S. – CERCLA/SARA – Section 304 EHS RQ

Medium density fiberboard and ingredients(unless listed below) N/A Not listed

Formaldehyde 50-00-0 100lb EPCRA RQ

U.S. – EPCRA – Section 302 (EHS) TPQ

Medium density fiberboard and ingredients(unless listed below) N/A Not listed

Formaldehyde 50-00-0 500lb TPQ

U.S. – EPCRA – Section 313 – Toxic Chemicals

Medium density fiberboard and ingredients(unless listed below) N/A Not listed

Formaldehyde 50-00-0 0.1% de Minimis concentration (Concentration in product is below de Minimis)

United States – California

Environment

U.S. – California – Proposition 65 – Carcinogens List

Medium density fiberboard and ingredients(unless listed below) N/A Not listed

Formaldehyde (gas) 50-00-0 Carcinogen, NSRL 40µg/day

Wood dust as Wood dust, all soft and hard woods N/A Carcinogen

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.

Initial release: 27.02.2018
Last Revision Date: 28.07.2020

Abbreviations and acronyms

- ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- ACGIH: Association Advancing Occupational and Environmental Health
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
- CFR: Code of Federal Regulations
- DSL: Domestic substances list
- EHS: Extreme Hazardous Substances
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- HCS: Hazard Communication Standard
- IATA: International Air Transport Association
- IBC: Intermediate Bulk Container
- IMDG: International Maritime Code for Dangerous Goods
- MSHA: Mine Safety and Health Administration
- NFPA: National Fire Protection Association
- NIOSH: National Institute for Occupational Safety and Health
- NPCA: National Paint Coating Association
- NSRL: No Significance Risk Level
- OSHA: Occupational Safety and Health Administration
- PEL: Personal Exposure Limit
- PBT: Persistent, Bioaccumulative and Toxic
- RQ: Reportable Quantities
- SARA: Superfund Amendments and Reauthorization Act
- STEL: Short-term exposure limit
- STOT-RE: Specific target organ toxicity – repeated exposure
- STOT SE: Specific target organ toxicity – single exposure
- TLV: Threshold limit value
- TPQ: Threshold Planning Quantity
- TSCA: Toxic Substances Control Act
- TWA: Time-weighted average
- UN: United Nations
- vPvB: Very Persistent and very Bioaccumulative
- WHMIS: Workplace Hazardous Materials Information System