Safety Data Sheet
EGGER Laminates

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 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 Laminates, EGGER XL Laminates, EGGER Laminates with Colored Core, EGGER PerfectSense Topmatt Laminates, EGGER Flammex Laminates, EGGER Micro Laminates, EGGER Paintling Grade Laminates

Product description
Laminates are decorative coating materials.

1.2 Relevant identified uses of the substance or mixture and uses advised against
Recommended use
Decorative coating applications

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

Additional information
environment@egger.com

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 dust during downstream activities, like grinding, sanding, cutting and sawing. The free formaldehyde levels are below OSHA reporting requirements.

2.2 Label elements
Labelling according to paragraph (f) 1910.1200; OSHA29 CFR
Hazard pictograms
void
Signal word
void
Hazard statements
void
Precautionary statements

2.3 Other hazards

Results of PBT and vPvB assessment

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBT</td>
<td>Not applicable</td>
</tr>
<tr>
<td>vPvB</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

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 dust generating downstream activities (e.g. grinding, sanding, cutting or pulverizing).

Section 3: Composition/information on ingredients

3.2 Chemical characterization: Mixtures (Article)

Description
Laminates are decorative coating materials. Laminates consist of cellulose fibre web (paper) impregnated with heat-setting resins. They have a multilayer structure and consist of melamine-formaldehyde resin impregnated decorative paper and one or more layers of soda Kraft paper impregnated with phenolic resins, which are laminated under high pressure and heat.
In the production process all used resin are cured and polymerized.
Perfect Sense laminates are coated with an acrylic lacquer.

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. 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
Laminates are not an explosion hazard. Sawing, sanding, or machining laminates can result in the by-product dust. Dust may present a strong to severe explosion hazard if a dust cloud contacts an ignition source.
In case of fire, the following gases can be released:
Carbon dioxide (CO₂), 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. 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
Section 8: Exposure controls/personal protection

8.1 Control parameters

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

8.2 Exposure controls

<table>
<thead>
<tr>
<th>Substance</th>
<th>Result</th>
<th>ACGIH TLV®</th>
<th>NIOSH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Particulates Not Otherwise Classified or Regulated</td>
<td>TWAs</td>
<td>TWA 10mg/m³ (Inhalable Particulate)</td>
<td>Not established</td>
<td>15mg/m³ (Total Dust)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL None</td>
<td></td>
<td>STEL None</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3mg/m³ (Respirable Particulate)</td>
<td></td>
<td>5mg/m³ (Respirable Dust)</td>
</tr>
<tr>
<td>Formaldehyde (50-00-0)</td>
<td>TWAs</td>
<td>0.3ppm TWA</td>
<td>0.016ppm TWA, 0.1ppm Ceiling (15 minutes)</td>
<td>0.75ppm TWA, 2ppm STEL, 0.5ppm action level</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 dust when suspended in air, precautions should be taken during sanding, sawing or machining of products to prevent sparks or other ignition sources in ventilation equipment. Use of totally enclosed motors is recommended.

Personal Protective Equipment Pictograms while downstream activities

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.
Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Solid</td>
<td>Evaporation rate</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Color</td>
<td>Varies</td>
<td>Partition coefficient</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Flammability</td>
<td>No data available</td>
<td>Autoignition</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor</td>
<td>No distinctive odor</td>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not relevant</td>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not relevant</td>
<td>Burning time</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available</td>
<td>Density (raw board)</td>
<td>approx. 1350 kg/m³, can differ in specific product variations</td>
</tr>
<tr>
<td>pH</td>
<td>Not relevant</td>
<td>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not relevant</td>
<td>Explosive limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not relevant</td>
<td>Flash point</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not relevant</td>
<td>Boiling Point</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Solubility</td>
<td>Not soluble in water</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Test data are not available for the complete mixture.

<table>
<thead>
<tr>
<th>GHS Properties</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>OSHA HCS 2012 – Shall not be classified</td>
</tr>
</tbody>
</table>
Section 12: Ecological information

12.1 Toxicity
Not applicable for laminates

12.2 Persistence and degradability
No further relevant information available

12.3 Bioaccumulative potential
Not applicable for laminates

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
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)
ADR, ADN, IMDG, IATA class Void

14.4 Packing group
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

**NPCA-HMIS® III**

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chronic Health</td>
<td>0</td>
<td>No significant risk to health</td>
</tr>
<tr>
<td>Health</td>
<td>0</td>
<td>Material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive</td>
</tr>
</tbody>
</table>

**NFPS® 704**

<table>
<thead>
<tr>
<th>Category</th>
<th>Degree of hazard</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>2</td>
<td>Material that must be moderately heated or exposed to relatively high ambient temperature before ignition can occur</td>
</tr>
<tr>
<td>Health</td>
<td>0</td>
<td>Material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material</td>
</tr>
<tr>
<td>Instability</td>
<td>0</td>
<td>Material that is normally stable, even under fire conditions</td>
</tr>
</tbody>
</table>

**SARA Hazard Classifications Inventory**

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>Canada DSL</th>
<th>TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laminates</td>
<td>Not applicable</td>
<td>Not listed. All components are on the Canada DSL or are excluded from listing or below de minimis reporting</td>
<td>Not listed. All components on the TSCA inventory or are excluded from listing or below de minimis reporting</td>
</tr>
</tbody>
</table>

Canada – WHMIS – Classifications of Substances

| Laminates (unless listed below) | N/A | Not listed or below de minimis reporting quantities |

Canada – WHMIS – Ingredient Disclosure List

| Laminates (unless listed below) | N/A | Not listed or below de minimis reporting quantities |
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 03.04.2018
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

Formaldehyde (gas) 50-00-0 Carcinogen, NSRL 40µg/day
<table>
<thead>
<tr>
<th>Acronym</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBT</td>
<td>Persistent, Bioaccumulative and Toxic</td>
</tr>
<tr>
<td>RQ</td>
<td>Reportable Quantities</td>
</tr>
<tr>
<td>SARA</td>
<td>Superfund Amendments and Reauthorization Act</td>
</tr>
<tr>
<td>STEL</td>
<td>Short-term exposure limit</td>
</tr>
<tr>
<td>STOT-RE</td>
<td>Specific target organ toxicity – repeated exposure</td>
</tr>
<tr>
<td>STOT SE</td>
<td>Specific target organ toxicity – single exposure</td>
</tr>
<tr>
<td>TLV</td>
<td>Threshold limit value</td>
</tr>
<tr>
<td>TPQ</td>
<td>Threshold Planning Quantity</td>
</tr>
<tr>
<td>TSCA</td>
<td>Toxic Substances Control Act</td>
</tr>
<tr>
<td>TWA</td>
<td>Time-weighted average</td>
</tr>
<tr>
<td>UN</td>
<td>United Nations</td>
</tr>
<tr>
<td>vPvB</td>
<td>Very Persistent and very Bioaccumulative</td>
</tr>
<tr>
<td>WHMIS</td>
<td>Workplace Hazardous Materials Information System</td>
</tr>
</tbody>
</table>