

TIMBERTUNE

ACOUSTICAL CEILING (MELAMINE FACED)

1. IDENTIFICATION

Product identifier

Timbertune Acoustical Ceiling - Melamine Faced

Synonym(s)

Engineered wood product with reduced Formaldehyde Content

Recommended use

Interior use, Decorative use, Furniture, Construction processes

Recommended restrictions

Use in accordance with manufacturer's recommendations.

Manufacturer information

Fritz EGGER GmbH & Co. OG (group), EGGER Wood Products LLC(US),
P.O. Box 907, Lexington, NC 27293, T+1-800-940-9633

Distributor information

USG Middle East Ltd

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2. HAZARD(S) IDENTIFICATION

Classification of the substance or mixture

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

Label elements

Labelling according to paragraph (f) 1910.1200; OSHA29 CFR Hazard pictograms

**Signal word**

Danger

Hazard statement

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 statement**Prevention**

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

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

Description

The products are composed of Non-allergenic, Softwood and cured amino resins (polymer). See Section 8 for exposure limits discussion.

Mixtures

Chemical name	CAS number	%
Non-allergenic, Softwood*	N/A	> 60%
Formaldehyde	50-00-0	< 40%

*Non-allergenic, Softwood 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.

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 contact

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 contact

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.

Most important symptoms/effects, acute and delayed

Refer to Section 11 – Toxicological Information.

Indication of immediate medical attention and special treatment needed

No further relevant information available.

Suitable extinguishing media

Use firefighting measures that suit the environment: Water, Fire-extinguishing powder, Carbon dioxide, Foam.

Special hazards arising from the substance or mixture

MDF is a Class A combustible material. If involved in a fire, product will burn.

MDF is not an explosion hazard. Sawing, sanding, or machining MDF 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 and other hazardous gases and particles

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.

3. COMPOSITION/
INFORMATION ON
INGREDIENTS

4. FIRST-AID MEASURES

5. FIRE-FIGHTING
MEASURES

6. ACCIDENTAL
RELEASE MEASURES

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.

Environmental precautions

No special measures required

Methods and materials 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.

7. HANDLING AND
STORAGE

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.

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.

8. EXPOSURE
CONTROLS/PERSONAL
PROTECTION

Control parameters

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

Exposure controls

Components	Result	ACGIH 2007	NIOSH	OSHA
Wood dust	TWAs	1mg/m ³ TWA As Wood dust , all soft & hard woods	1mg/m ³ TWA As Wood dust , all soft & hard woods	15mg/m ³ , total dust(5mg/m ³ , respirable fraction) (as nuisance dust)
Formaldehyde (50-00-0)	TWAs	0.3ppm TLV	0.016ppm TWA, 0.1ppm Ceiling (15 minutes)	0.75ppm TWA, 2ppm STEL, 0.5ppm action level

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.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear approved safety goggles.

Skin protection

Hand protection

Wear protective gloves Rubberized cloth, canvas or leather gloves

Skin/body

Wear long sleeves and/or protective coveralls.

Respiratory protection

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

General 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.

9. PHYSICAL AND
CHEMICAL PROPERTIES

Appearance
Physical state
Solid.
Color
Yellow to brown.
Odor
No distinctive odor.
Vapor Pressure
Not applicable.
Vapor density
Not applicable.
Odor threshold
Not applicable.
pH
Not applicable.
Relative density
No data available.
Melting point/freezing point
Not applicable.
Boiling point
Not applicable.
Solubility
Not soluble in water.
Evaporation rate
Not applicable.
Partitions coefficient
Not applicable.

Autoignition
No data available.
Decomposition temperature
No data available.
Viscosity
No data available.
Burning time
No data available.
Density
650 - 750 kg/m³
Oxidizing properties
No data available
Explosive limits
No data available
Flash point
Not applicable.

10. STABILITY AND
REACTIVITY

Reactivity
The product is stable and non reactive under normal conditions of use, storage and transport.
Chemical stability
Stable under recommended storage conditions
Conditions to be avoided: No decomposition if used according to specifications
Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use
Conditions to avoid
Exposure to water, ignition source, high relative humidity and high temperature
Incompatible materials
Incompatible Materials: acids(strong), Oxidizers(strong)
Hazardous decomposition products
Hazardous decomposition may occur thermal and/or thermal oxidative decomposition can produce irritating and toxic fumes and gases.

11. TOXICOLOGICAL
INFORMATION

Chemical name	Classification
Acute toxicity	OSHA HCS 2012 – Acute Toxicity – Data lacking (Oral, dermal, inhalation)
Aspiration hazard	OSHA HCS 2012 – Data lacking
Carcinogenicity	OSHA HCS 2012 -- Carcinogenicity 1A
Germ Cell Mutagenicity	OSHA HCS 2012 – Data lacking
Skin corrosion/Irritation	OSHA HCS 2012 – Skin Irritation 2
Skin sensitization	OSHA HCS 2012 – Skin Sensitizer1
STOT-RE	OSHA HCS 2012 – Specific target Organ Toxicity Repeated Exposure 2
STOT-SE	OSHA HCS 2012 – Specific target Organ Toxicity Single Exposure 3: respiratory
Toxicity for Reproduction	Tract Irritation 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 Aggravated by Exposure
Dusts may aggravate asthma or other respiratory disorders.

Information on likely routes of exposure

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:

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.

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 contact

Acute(Immediate): May cause irritation

Chronic(Delayed): Repeated and prolonged exposure may cause sensitization

Eyes contact

Acute (Immediate): May cause irritation

Chronic(Delayed): No data available

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.

12. ECOLOGICAL INFORMATION

Toxicity

Formaldehyde: EC50 5.8mg/l/48h (Daphnia magna)

Not applicable for particleboard/MDF

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

Formaldehyde: log POW: 0.35

Not applicable for particleboard/MDF

Mobility in soil

No data available.

Results of PBT and vPvB assessment

PBT: Not applicable

Other adverse effects: Not applicable

Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

Disposal instructions

Dispose in accordance with applicable federal, state, and local regulations. Recycle responsibly.

Local disposal regulations

Dispose of in accordance with local regulations.

Waste from residues / unused products

Dispose of in accordance with local regulations.

Hazardous waste code

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Contaminated packaging

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

ADR

Not regulated as dangerous goods.

IATA

Not regulated as a dangerous good.

IMDG

Not regulated as a dangerous good.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

15. REGULATORY
INFORMATION

Saudi Arabian Inventory of Chemical Substance:

CAS#	N/A	Non-allergenic, Softwood
CAS#	50-00-0	Formaldehyde

Issue date

31-October-2024

Revision date

5-May-2025

Version #

02

Further information

NPCA Classification

Chronic: Chronic (long-term) health effects may result from repeated overexposure (dust)

Health: No significant risk to health

Flammability: Material that require considerable preheating, under all ambient temperature conditions, before ignition and combustion can occur

Physical Hazard: Material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive

NPCA Classification:

Chronic: *

Health: 0

Flammability: 1

Physical hazard: 0

NFCA Classification:

Flammability :Material that require considerable preheating, under all ambient temperature conditions, before ignition and combustion can occur

Health: Material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material

Special Hazard: Material that is normally stable, even under fire conditions

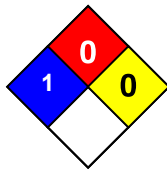
NFPA Ratings:

Health: 1

Flammability: 0

Physical hazard: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe



List of abbreviations References

NFPA: National Fire Protection Association.

Registry of Toxic Effects of Chemical Substances (RTECS)

HSDB® - Hazardous Substances Data Bank

Torben et al. (2001). Environmental and Health Assessment of Substances in Household Detergents and Cosmetic Products.

Disclaimer

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.

16. OTHER INFORMATION,
INCLUDING DATE OF
PREPARATION OR
LAST REVISION

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