

AGT MDF LAM

Date of SDS : 26.12.2021
Revision no. : 0

Date of revision : -
SDS Number : GBF - 3904

1- IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY/UNDERTAKING

1.1- Substance/Mixture Identifier:

Product Name AGT MDF LAM

1.2- Relevant identified uses of the substance advised against:

Identified uses Floor coverings

Used advised against No data available

1.3- Details of the supplier of the safety data sheet:

Company AGT Ağaç San. ve Tic. A.Ş.

Address Organize Sanayi Bölgesi 3. Kısım, 35. Cadde 07190,
Döşemealtı/Antalya/Turkiye

Tel/Fax +90 242 249 17 17

E-mail agt@agt.com.tr

1.4- Emergency telephone number:

+90 242 249 17 17

2- HAZARDS IDENTIFICATION

2.1- Classification of the substance or mixture:

Physical hazards Not classified.

Health hazards Not classified.

Inhalation Abrasive action may cause wood dust to be generated that may be an irritant to the respiratory system. Fiberboard can emit minute amounts of gaseous formaldehyde that decreases over time. Gaseous formaldehyde and wood dust may irritate respiratory system.

Eye Abrasive action may cause wood dust to be generated that may be an irritant to the eyes. Gaseous formaldehyde and wood dust may irritate the eyes.

Skin Product may be an irritant and may cause contact dermatitis to wood sensitive individuals.

Environmental hazards Not classified.

Hazard summary This product is generally **an article** and not hazardous but may regulated for the release of dust during downstream activities, like grinding, sanding, cutting and sawing. The free formaldehyde levels are below reporting requirements.

2.2- Label elements (according to EC 1272/2008):

Hazard pictograms None

Signal word None

Hazard statements The mixture does not meet the criteria for classification.

Precautionary statements

Prevention Observe good industrial hygiene practices.

Response Wash hands after handling.

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Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.

3- COMPOSITION/INFORMATION ON INGREDIENTS

3.1- Substance

Not applicable

3.2- Mixture

Components:

Chemical Name	CAS No.	EC No.	%
Wood (Hardwood and softwood various species)	-	-	86-88
Urea-formaldehyde Resin	9011-05-6	-	10-12
Melamin-formaldehyde Resin	-	-	1-2
Raw Paper	-	-	< 1
Urea	57-13-6	200-315-5	< 1
Paraffin wax	8002-74-2	232-315-6	< 0,5
Ammonium sulphate	7783-20-2	231-984-1	< 0,5
Alton PT1220	-	-	< 0,1

Notes: The full text for all H-statements is displayed in section 16.

4- FIRST AID MEASURES

4.1- Description of first aid measures

General	No special measures required regarding the product in the product in the form it is shipped, downstream activities like cutting, sawing or grindings can generate dust. To avoid health hazards while these 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. Seek medical advice for chronic symptoms of exposure.
Skin contact	Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
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	If swallowed, rinse the patient's mouth with clean water and then drink plenty of water or milk. Do not induce vomiting. Never give anything by mouth if unconscious. Consult physician.

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

Gaseous formaldehyde and wood dust may irritate respiratory system and eyes, may cause contact dermatitis to wood sensitive individuals.

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

Treat symptomatically.

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5- FIRE FIGHTING MEASURES

5.1- General

Flammability: Material will burn.

LEL: 40 gr/m³ for wood dust.

Auto ignition Temperature: 425 -475 degrees Fahrenheit.

Flash Point: NA

5.2- Extinguishing Media

Suitable extinguishing media

Water, foam, dry chemicals, carbon dioxide and water mist must be used. The fire should be reported in large fires. Care should always be taken to create an escape route in the fire.

Unsuitable extinguishing media

No restrictions known.

5.3- Special hazards arising from the substance or mixture

MDF 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.

5.4- Advice for firefighters

Evacuate area. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

6- ACCIDENTAL RELEASE MEASURES

6.1- Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Avoid inhalation of dust and contact with skin and eyes. Wear appropriate protective equipment and clothing during clean-up.

For emergency responders:

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

6.2- Environmental precautions

No special measures required.

6.3- 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 shovelled 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- References to other sections

For information on safe handling see section 7, for information on personal protection equipment see section 8, for disposal-related information see section 13.

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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.) Avoid formation of dust.

Avoid inhalation of dust and contact with skin and eyes. Use only with adequate ventilation. Use Personal Protective Equipment recommended in section 8 of the SDS. Wash thoroughly after handling. Observe good industrial hygiene practices.

7.2- Conditions for safe storage, including any incompatibilities

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

Do not handle or store near an open flame, heat or other sources of ignition. Protect against physical damage. Store away from incompatible materials.

Stacking:

- The ground should be flat and even with a minimum of sloping, maximum 2°.
- Ground should be strong enough to withstand the weight of the packs and the machinery. It should be well consolidated and not affected by adverse weather conditions such as rain.
- Clear any obstacles such as waste timber or unused bearers from the stacking area as they make stacks unstable.
- Stacks outside may be affected by wind make sure the stack is secure; if possible construct the stack so that a small cross section is facing the prevailing wind. Securely attach any protective sheeting. Bearers need to be straight and identical in length.
- Vertically stacked packs should be of the same size or reduce in size up the stack, avoid overhangs.

7.3- Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

8- EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1- Control parameters

Ingredient	ACGIH TLV	NIOSH	OSHA
Particulates Not Otherwise Classified or Regulated	TWA 10 mg/m ³ (Inhalable Particulate) STEL 3 mg/m ³ (Respirable Particulate)	Not established	TWA 15 mg/m ³ (Total Dust) STEL 5 mg/m ³ (Respirable Dust)
Formaldehyde (50-00-0)	TLV 0,3 ppm	TWA 0,016 ppm, Ceiling 0,1 ppm (15 min.)	TWA 0,75 ppm, STEL 2 ppm, action level 0,5 ppm

8.2- Exposure controls

General protection and hygiene measures:

Practice good housekeeping and avoid creating / breathing dust. Do not allow dust to collect. Maintain, clean and fit test respirators accordance with OSHA regulations.

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Individual protective measures, such as personal protective equipment:

Respiratory protection:

No special requirements under ordinary conditions of use and with adequate ventilation. If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate.



Protection of hands:

Use protective gloves.

It is sufficient to consider puncture resistance, permeability rates and deterioration in selection of gloves. Selected protective gloves must comply with EN 374 standards.



Eye protection:

Use safety goggles or face masks that have been tested and approved in accordance with standards such as EN 166 (EU). Contact lenses should not be worn.



Body Protection:

No skin protection is ordinarily required under normal conditions of use. With wood sensitive individuals, precautions should be taken to avoid skin contact.

Hygiene measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

Environmental Exposure Controls

The provisions of existing legislation for the protection of the environment must be fully implemented.

9- PHYSICAL AND CHEMICAL PROPERTIES

9.1- Information on basic physical and chemical properties

Physical description	: A composite panel of ligno-cellulose fibers bound with thermo set resin.
Appearance	: Solid
Colour	: Variable
Odour	: Mild Wood Odor
Melting point	: Not applicable
Boiling point	: Not applicable
Flash point (°C)	: Not applicable
Auto Ignition	: > 425 °F
Relative density, kg/m ³ @ 20 °C:	680 - 990
pH Value, @ 20°C	: Not applicable
Solubility in water	: Negligible
Viscosity, mPa's @ 20°C	: No data available
Explosive properties	: No data available.
Oxidising property	: No data available.

9.2- Other information:

No data available

10- STABILITY AND REACTIVITY

10.1- Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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10.2- Chemical stability

Stable under recommended handling and storage conditions.

10.3- Possibility of hazardous reactions

No harmful reactions are to be expected when the product is handled and stored properly.

10.4- Conditions to avoid

Avoid open flame. Extreme heat and high relative humidity may liberate emissions of formaldehyde.

10.5- Incompatible materials

Strong acids and or oxidizing agents.

10.6- Hazardous decomposition products

Product does not decompose at ambient temperatures. Thermal decomposition can produce oxides of carbon, aldehydes, and organic acids.

11- TOXICOLOGICAL INFORMATION

11.1- Information on toxicological effects

Acute toxicity

No data available.

Skin corrosion/irritation

Dust may irritate skin. Skin irritation occurs on contact with dust.

Serious eye damage/irritation

Dust may irritate the eyes. Dust in the eyes: Exposed individuals may experience eye tearing, redness, and discomfort.

Respiratory or Skin Sensitization

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

ACGIH: Wood dust, A1 Carcinogen.

Formaldehyde, A1 Carcinogen.

NTP: Wood dust, Known Human Carcinogen.

Formaldehyde, Known Human Carcinogen.

IARC Monographs: Wood dust, Group 1 - Carcinogenic to Humans

Formaldehyde, Group 1 - Carcinogenic to Humans

Reproductive toxicity

No data available.

Specific Target Organ Toxicity (Single Exposure)

No data available.

Specific Target Organ Toxicity (Repeated Exposure)

No data available.

Aspiration Hazard

No data available.

12- ECOLOGICAL INFORMATION

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12.1- Toxicity

No data available.

12.2- Persistence and degradability

No data available.

12.3- Bioaccumulative potential

No data available.

12.4- Mobility in soil

The product is insoluble in water and will sediment in water systems.

12.5- Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6- Other adverse effects

No data available.

13- DISPOSAL CONSIDERATIONS

13.1- Waste treatment methods

Residual waste

Follow safe solid waste disposal guidelines in accordance with federal, state and local regulations. If disposed of or discarded in its purchased form, incineration is the preferred method.

14- TRANSPORT INFORMATION

Product is not classified as dangerous in the meaning of transport regulations (ADR/RID, ADN, IMDG and ICAO/IATA).

14.1-	UN number	Not regulated
14.2-	UN proper shipping name	Not regulated
14.3-	Transport hazard class(es)	Not regulated
14.4-	Packing Group	Not regulated
14.5-	Environmental hazard	Not regulated
14.6-	Special precautions for user	None
14.7-	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

15- REGULATORY INFORMATION

15.1- Safety, health and environmental regulations/legislations specific for the substance or mixture

WHMIS: This product is not considered a controlled product.

EEC REGULATION: 1991/689 (2001/118); 2010/75; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008; 75/324/EEC (20162037/EC)I (EU) 2015/830; (EU) 2016/131; (EU)517/2014

16- OTHER INFORMATION

List of abbreviations

ADN	European Agreement concerning the international Carriage of Dangerous Goods by Inlands Waterways
ACGIH	American Conference of Industrial Hygienists
ADR	European Agreement Concerning the Int. Carriage of Dangerous Goods by Road

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CAS No	Chemical Abstract Service Index Number
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
CLP	Regulation of Classification, Labelling and Packaging of Chemicals
DSL	Domestic substances list
EC No	European Commission Number
IATA	International Air Transport Association
IBC Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG	International Maritime Code for Dangerous Goods
LD50	Dosage producing 50% mortality
NIOSH	National Institute for Occupational Safety and Health
OSHA	Occupational Safety and Health Administration
PBT	Persistent Bioaccumulative Toxic
RID	International Rule for Transport of Dangerous Substances by Railway
SARA	Superfund Amendments and Reauthorization Act
STEL	Short - term exposure limit
TWA	Time - weighted average
vPvB	Very Persistent, Very Bioaccumulative
WHMIS	Workplace Hazardous Materials Information System.

Other Information:

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Organized by Gultekin Baskoylu (License No: 11544-KDU07)

Training information:

In addition to health, safety and environmental training programs for their workers, companies must ensure that workers read, understand and apply the requirements of this SDS.

Disclaimer:

All information herein is believed to be correct based upon data obtained by the manufacturer and recognized sources but does not mean to be all inclusive and shall be used as a guide only. It is the purchaser's/user's responsibility to follow the instructions on Safety, Health and Environmental and operational rules and regulations. This document has been prepared by AGT Ağaç San. ve Tic. A.Ş. and subject to annual update in accordance with the recent available information.