

Safety Data Sheet

Rev no: 3 Date: 05/01/2024

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier:

Product Name: AIRTIGHT

Synonyms, Trade
Names: SMARTPLY AIRTIGHT

1.2 Relevant identified uses of the substance or mixture and uses advised against:

SMARTPLY AIRTIGHT is a structural OSB panel with integrated vapour control and air barrier properties for use as structural sheathing in timber frame structures.

1.3 Details of the Supplier of the safety data sheet:

Manufacturer/Supplier: T/A MEDITE SMARTPLY

Street address/P.O. Box: Belview Port, Waterford, Ireland.

Country
ID/Postcode/Place X91 PX75

Telephone number Tel. +353 (0) 51 851 233
Fax + 353 (0) 51 851 130

e-mail address of
competent person
responsible for the SDS Kara.Meany@mdfosb.com

2 Hazards identification

2.1 Classification of the substance or mixture:

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP)
This product is regarded as a non-hazardous material

The machining of the panel product will generate wood dust particles, i.e. sawing, sanding, etc., and this wood dust should be contained through a combination of vacuum and extraction cleaning equipment.

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2.1.2 Additional information:

Wood dust may cause nasopharyngeal cancer and/or cancer of the nasal cavities and paranasal sinuses by inhalation

Label elements:

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Carcinogen- Category 1A

Hazard pictograms:



Signal word:

DANGER

Hazard statements:

H350 Carcinogen- Category 1A, may cause cancer.

H315 Skin Irritation, Category 2, causes skin irritation.

H335 Specific target organ toxicity (single exposure), Category 3, May cause respiratory irritation.

H319 Eye irritation, Category 2, Causes eye irritation.

H373 Causes damage to organs through prolonged or repeated exposure. (Softwood dust inhalation)

Precautionary statements:

P202: Do not handle until all safety precautions have been read and understood.

P210: Keep away from sparks, flame, or other heat sources.

P243: Take precautionary measures against static discharge.

P261+284: Avoid breathing dust. In case of inadequate ventilation wear an approved respirator suitable for conditions of use.

P271: Use outdoors or in a well-ventilated area.

P280: Wear appropriate protective equipment for eye and skin exposure.

Other hazards:

N/A

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3 Composition/information on ingredients

3.1 Chemical characterisation:

OSB: Mixed softwood, polymerised resin, paraffin wax and moisture.

Coating : UV cured primer and UV cured Topcoat.

R-Phrases R36, R43, R52, R53

3.2 Hazardous Ingredients:

None.

4 First aid measures

4.1 Description of first aid measures

Inhalation:	Remove to fresh air and rest. If irritation persists, seek medical advice.
Ingestion:	N/A.
Eye contact:	Rinse well with water for at least 15 minutes if irritation persists seek medical advice.
Skin contact:	Wash with soap and water. Remove contaminated clothing.
General:	N/A.
Protection for first aiders:	N/A.

5 Fire-fighting measures

5.1 Extinguishing media:

Suitable fire extinguishing agents: Water, Dry Powder, Carbon Dioxide (CO2) & Foam.

Unsuitable fire extinguishing agents: None

5.2 Special hazards arising from the material:

In case of fire will give rise to hazardous fumes. Fire will produce dense black smoke containing hazardous product of combustion (see Section 10).

Flammability Characteristics: OSB products may ignite if exposed to temperatures exceeding 400F. These products are combustible and burn if exposed to open flames, high temperature objects, or oxidizing chemicals.

Explosion Hazards: Airborne concentrations of finely divided wood and resin dust may arise from wood working and grinding activities. If such wood dust, when it arises, is combined with an ignition source, it can create a fire or explosion hazard if the concentration of wood dust exceeds 40g/m3. This may be prevented by wood working in well ventilated areas.

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5.3 Advice for firefighters:

Special precautions for firefighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for firefighters: Fire-fighters should wear appropriate protective equipment including breathing apparatus equipment suitable for use in hazardous environments generated as a result of the thermal decomposition of the product.

6 Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

For non-emergency personnel: Not applicable for the product in its solid sheet form

For emergency responders: Not applicable for the product in its solid sheet form

6.2 Environmental precautions:

Not applicable for the product in its solid sheet form.

6.3 Methods for containment and cleaning up:

Not applicable for the product in its solid sheet form. The machining of this solid sheet form will generate wood dust particles, i.e., sawing, sanding, etc., and this wood dust should be collected through a combination of vacuum and extraction cleaning equipment. The waste material should be recovered or disposed of in a safe manner.

6.4 Reference to other sections:

See section 1 for emergency contact information

See section 8 for information on appropriate personal protection equipment

7 Handling and storage

The information in this section contains generic advice and guidance to assist employers develop safe practices and procedures that are based on their own specific risk assessments.

7.1 Precautions for safe handling:

In solid sheet form the product may present a manual handling risk due to the physical dimensions and weight of the panel. Sound lifting practices and procedures, including the use of mechanical lifting equipment, should be adhered to at all times. The safe handling risk assessment should give full consideration to the wearing of safety footwear, gloves, helmet, face mask, etc.,

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7.2 Advice on general occupational hygiene:

Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash their hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

7.3 Conditions for safe storage:

Store the product in a dry, well-ventilated area away from open flame or other ignition sources.

7.4 Specific end use(s):

Recommendations: Not available

Industrial sector specific guidance: Not available

8 Exposure controls/personal protection

8.1 Occupational exposure limit value:

Product/Ingredient name	Exposure limit value
Softwood Dust	HSA – 2021 Code of practice for S H & W at Work Chemical Agents Regulations OELV-8hr: 5mg/m ³ (Sen)

General recommended advice: Medical supervision of all employees who handle or come in contact with respiratory sensitisers is recommended. Personnel with a history of asthma-type conditions or bronchitis conditions should not work with respiratory sensitisers. The Occupational Exposure Limits listed do not apply to previously sensitised individuals.

8.2 Exposure controls

Appropriate engineering controls: Provide exhaust ventilation or other engineering controls to keep airborne concentrations of dust/vapour below their respective occupational exposure limits.

8.3 Individual protection measures

Hygiene measures: Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash their hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

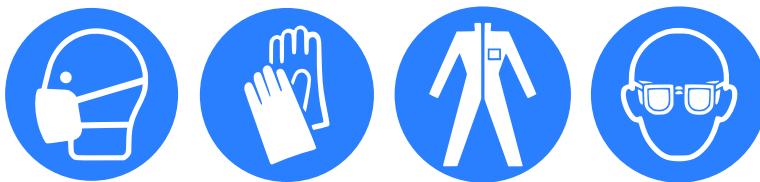
Eye protection: Appropriate safety eye wear, complying with an approved standard should be used when a risk assessment indicates this is necessary in order to reduce the exposure risk.

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Hand protection: Appropriate gloves, complying with an approved standard should be used when a risk assessment indicated this is necessary in order to reduce the exposure risk.

Skin protection: Appropriate footwear, safety helmet, overalls, etc., complying with the approved standard for protective device/clothing should be used when a risk assessment indicated this is necessary in order to reduce the exposure risk.

Respiratory protection: The choice of the respiratory protection must take account of the known or anticipated exposure levels, the safe working limits of the selected respiratory protection device and workplace risk assessments. The respiratory protection should comply with an approved standard and state the level of protection being offered. In case of inadequate ventilation wear respiratory protection.



Environmental protection: Emissions from workplace exhaust/ventilation systems, vacuum cleaning systems or process equipment should be monitored to ensure they comply with the requirements of environmental protection legislation. Additional downstream scrubber, filtering or engineering modifications to the process equipment may be necessary to achieve these acceptable levels.

9 Physical and chemical properties

9.1 Physical and chemical properties

State:	Solid panel form
Appearance:	Light brown wood panel coated with grey colour paint on one surface.
Odour:	Slight to none under ambient conditions
Dimensions:	Dimensions will vary with product thickness, length and width. See SMARTPLY technical information sheet
Density (kg/m3):	Approx. 600kg/m3
Flash point:	Not determined in solid panel state
Flammable:	N/A in solid state
Explosive hazard:	N/A in solid state

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10 Stability and reactivity

10.1 Reactivity:

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

10.2 Chemical stability:

This product is chemically stable under normal conditions of use.

10.3 Possibility of hazardous reactions:

No dangerous reactions known.

10.4 Conditions to avoid:

Store the product in a dry, well-ventilated area, away from flame or other sources of ignition.

10.5 Materials to avoid:

Keep away from strong acids, bases, and oxidising agents.

10.6 Hazardous thermal decomposition products:

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

11 Toxicological information

11.1 Acute and Chronic toxicity:

This product is a safe material in panel form

12 Ecological information

12.1 Ecotoxicity:

Not available

12.2 Mobility:

Not determined

12.3 Persistence and degradability:

Not determined

12.4 Bioaccumulation potential:

Not determined

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12.5 Results of PBT assessment:

Not applicable

13 Disposal considerations

This product is not considered a hazardous material. The generation of waste material should be avoided or minimized wherever possible. All waste material should be collected and stored in a safe manner prior to disposal. The disposed of the waste material should be in accordance with National and EU standards & regulations.

14 Transport information

14.1 Transport information:

No labelling is required

14.2 UN number or ID number

Not applicable

14.3 UN proper shipping name

Not applicable

14.4 Transport hazard class(es)

Not applicable

14.5 Packing group

Not applicable

14.6 Environmental hazards

Not applicable

14.7 Special precautions for user

Not applicable

14.8 Maritime transport in bulk according to IMO instruments

Not applicable

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15 Regulatory information

15.1 Safety, health, and environmental regulations/legislation

EU Regulation (EC) No. 1907/2006 (REACH), Annex XIV – List of substances subject to authorisation, Substances of very high concern: None of the substances are listed

Symbol(s): None

R – Phase(s): No risk phases assigned to this product

S – Phase(s): No risk phases assigned to this product

The information contained herein does not constitute the users own risk assessment, as required by workplace health and safety legislation.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16 Other information

16.1 Conforms to Directive:

EC directive 2001/58/EC

16.2 Conforms to EU Regulation:

EU Regulation (EC) No. 1907/2006 (REACH),

16.3 Dated:

Creation Date: 16/06/2022

Revision Date: 05/01/2024

Revision Summary: Product name change from “PROPASSIV to “AIRTIGHT”

Reason for revision: SDS Sections updated, 1, Name change of product.

This product should be stored, handled, and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our product from the view of safety requirements. It should not therefore be construed as guaranteeing specific properties or their suitability for a particular application.

Should you have any comments or suggestions regarding this SDS please refer to contact details section 1.3.