

In accordance with 1907/2006 Annex II (2015/830) and 1272/2008. (All references to EU regulations and directives are abbreviated into only the numeric term). Issued 2017-05-16.
Replaces issued SDS 2015-06-30. Version number 3.0

SECTION 1: Identification of the Substance/ Mixture and of the Company Undertaking

1.1. Product identifier

Trade name **iPASSIVE FR Board**

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

Identified uses Building material

1.3. Details of the supplier of the material safety data sheet

Company iPASSIVE Fire, B:Hive Building,
Smales Farm, 74 Taharoto Rd,
Takapuna, Auckland 0622

Telephone +64 9 869 5150

E-mail info@passivefire.com

Website ipassivefire.com

1.4. Emergency telephone number

Acute cases: Call 09 869 5150, request poison information.

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

Upon assessment, this mixture is not classified as hazardous according to 1272/2008.

2.2. Label elements

Label information in accordance with 1272/2008

Hazard pictograms Not applicable

Signal words Not applicable

Hazard statements Not applicable

2.3. Other hazards

Not indicated.

SECTION 3: Composition / Information on Ingredients

3.2. Mixtures

The product contains no substances, nor concentration levels thereof, that require marking or that need to be declared.

SECTION 4: First Aid Measures

4.1. Description of first aid measures

Upon breathing in

In case of inhaling large amounts of smoke, fog or dust, flush nose, mouth and throat with water. If symptoms occur seek medical advice.

Upon eye contact

As a precaution, rinse the eye thoroughly with water; if symptoms occur, call a doctor/physician.

Upon skin contact

Normal washing of the skin is considered sufficient; if nevertheless symptoms do occur, contact a physician. Remove contaminated clothes.

Upon ingestion

Rinse nose, mouth and throat with water.

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

No further relevant information available.

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

Symptomatic treatment.

SECTION 5: Fire-fighting Measures

5.1. Extinguishing media

Not combustible; Extinguished with materials intended for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Not indicated.

5.3. Advice for fire-fighters

In case of fire use a respirator mask.

SECTION 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Do not inhale the product and avoid exposure to skin and eyes.

Use suitable allergy-tested protective gloves when cleaning up.

Dust filter IIb (P2) may be required when cleaning up.

6.2. Environmental precautions

No specific measures need to be taken in the event of normal use.

6.3. Methods and material for containment and cleaning up

To be collected with caution and transported to a waste disposal facility.

Avoid stirring the material up so that it aerates.

6.4. Reference to other sections

Contaminated products should be treated as chemical waste and declared as non-hazardous goods.

SECTION 7: Handling and Storage

7.1. Precautions for safe handling

Treat the substance as potentially harmful to health.
Do not eat, drink or smoke in premises where this product is handled.
Handle in premises with good ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Conditions for safe storage, including any incompatibilities
The product should be stored in a manner which prevents hazards to health and the environment. Avoid exposure to humans and animals and do not discharge the product in a sensitive environment.
Store only in the original package.
Keep away from moisture.

7.3. Specific end uses

Not relevant.

SECTION 8: Exposure Controls / Personal Protection

8.1. Control parameters

8.1.1. National limit values

All ingredients (cf. Section 3) lack occupational exposure limit values

DNEL	No data available.
PNEC	No data available.

8.2. Exposure controls

In terms of minimizing risks, no special attention is needed for this product besides the general obligations that follow EU directive 89/391 and national occupational legislation.

8.2.1. Appropriate engineering controls

Maintenance and service of personal protective equipment shall be included in the works plan for internal supervision. All inspections and remedial measures shall be documented.

Eye/face protection

Eye protection should be worn if there is any danger of direct exposure or splashing.

Skin protection

Normal working-clothes of cotton or synthetic material should be adequate. Clothing contaminated with this product should be washed immediately; avoid contact with the skin.

Protective gloves are normally not needed due to the properties of this product, but may be necessary for other reasons, e.g. mechanical risks, temperature conditions or microbiological risks.

Respiratory protection

Dust filter IIb (P2) may be required.

8.2.3. Environmental exposure controls

For limitation of environmental exposure, see Section 12.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

a. Appearance	Colour: white
b. Odour	weak smell
c. Odour threshold	Not indicated
d. pH	Not indicated
e. Melting point/freezing point	1000 °C
f. Initial boiling point and boiling range	Not indicated
g. Flash point	Not indicated
h. Evaporation rate	Not indicated
i. Flammability (solid, gas)	Not applicable
j. Upper/lower flammability or explosive limits	Not indicated
k. Vapour pressure	Not indicated
l. Vapour density	Not indicated
m. Relative density	Not indicated
n. Solubility	Not indicated
o. Partition coefficient: n-octanol/water	Not applicable
p. Auto-ignition temperature	Not indicated
q. Decomposition temperature	Not indicated
r. Viscosity	Not indicated
s. Explosive properties	Not applicable
t. Oxidising properties	Not applicable

9.2. Other information

No data available

SECTION 10: Stability and Reactivity

10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

10.2. Chemical stability

The product is stable at normal storage and handling conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Not indicated.

10.5. Incompatible materials

Not indicated.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

The product is not classified as toxic.

Acute effects

The criteria for classification cannot be considered fulfilled based on available data.

Serious eye damage/irritation

The criteria for classification cannot be considered fulfilled based on available data.

Dust may cause mechanical abrasion of the cornea.

Respiratory or skin sensitisation

The criteria for classification cannot be considered fulfilled based on available data.

Germ cell mutagenicity

The criteria for classification cannot be considered fulfilled based on available data.

Carcinogenicity

The criteria for classification cannot be considered fulfilled based on available data.

Reproductive toxicity

The criteria for classification cannot be considered fulfilled based on available data.

STOT-single exposure

The criteria for classification cannot be considered fulfilled based on available data.

STOT-repeated exposure

The criteria for classification cannot be considered fulfilled based on available data.

Aspiration hazard

The criteria for classification cannot be considered fulfilled based on available data.

SECTION 12: Ecological Information

12.1. Toxicity

No ecological damage is known or expected in the event of normal use.

12.2. Persistence and degradability

The product contains certain components which are not easily degradable.

12.3. Bioaccumulative potential

The product contains certain components which are not easily degradable.

12.4. Mobility in soil

The product is not soluble in water.

12.5. Results of PBT and vPvB assessment

No chemical safety report has been executed.

12.6. Other adverse effects

No known effects or hazards.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Waste handling of the product

The product is not classified as hazardous waste.

This product is not usually recycled.

Combustion is a suitable method for final disposal of this waste product.

Also take local regulations for dealing with waste into account.

Classification according to 2006/12

Recommended LoW-code: 17 06 04 Insulation materials other than those mentioned in 17 06 01 and 17 06 03

SECTION 14: Transport Information

Where not otherwise stated the information applies to all of the UN Model Regulations, i.e. ADR (road), RID (railway), ADN (inland waterways), IMDG (sea), and ICAO (IATA) (air).

14.1. UN number

Not classified as dangerous goods.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

14.8. Other transport information

Not applicable

SECTION 15: Regulatory Information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Not applicable.

15.2. Chemical safety assessment

Chemical safety report according to 1907/2006 Annex I is not required for this product.

SECTION 16: Other Information

16a. Indication of where changes have been made to the previous version of the material safety data sheet

Earlier versions

2015-06-30 Revisions of this document has, where not otherwise stated, been caused by changes in the regulations.

16b. Legend to abbreviations and acronyms used in the material safety data sheet

Explanations of the abbreviations in Section 14

ADR	European Agreement concerning the International Transport of Dangerous Goods by Road
RID	Regulations concerning the International Transport of Dangerous Goods by Rail
IMDG	International Maritime Dangerous Goods Code
ICAO	International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)
IATA	The International Air Transport Association

16c. Key literature references and sources for data

Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I, as updated to 2017-05-16.

Where such data was not available, alternative documentation used to establish the official classification was used, e.g. IUCLID (International Uniform Chemical Information Database). As a second alternative, information was used from reputable international chemical industries, and as a third alternative other available information was used, e.g. material safety data sheets from other suppliers or information from non-profit associations, where reliability of the source was assessed by expert opinion. If, in spite of this, reliable information could not be sourced, the hazards were assessed by expert opinions based on the known hazards of similar substances, and according to the principles in 1907/2006 and 1272/2008.

Full texts for Regulations mentioned in this Material Safety Data Sheet

1907/2006 Annex II (2015/830)

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

1272/2008

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

89/391

COUNCIL DIRECTIVE (89/391/EEC of 12 June 1989 on the introduction of measures to encourage improvements in the safety and health of workers at work.

2006/12

DIRECTIVE 2006/12/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 5 April 2006 on waste.

1907/2006

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification

Hazard calculation for this mixture has been performed as a cumulative assessment with the aid of expert assessments in accordance with 1272/2008 Annex I, where all available information which may be significant to establishing the hazards of the mixture was assessed together, and in accordance with 1907/2006 Annex XI.

16e. List of relevant R phrases, hazard statements, safety phrases and/or precautionary statements

16f. Advice on any training appropriate for workers to ensure protection of human health and the environment

Warning for misuse

This product is not expected to cause severe harm to humans or the environment. However the manufacturer, the distributor of the supplier cannot be responsible for unusual or criminal use of the product.