

Safety data sheet

AESTUVER® Tx Fire protection board

According to Regulation (EC) No
1907/2006/EC, Article 31

James Hardie Europe GmbH	Safety data sheet According to 1907/2006/EC, Article 31 AESTUVER Tx Fire protection board	SDB
		Revision: 03
		Date: 16/12/21

1. Identification of the Mixture and of the Company

Product identifier:

- **Trade name:** AESTUVER Tx Fire protection board
- **Relevant identified uses of the mixture:** Cement-bound, glass fibre-reinforced lightweight concrete boards with lightweight mineral aggregates for fire protection internal and external use as well as fire protection cable ducts.
- **Manufacturer/Supplier:** James Hardie Europe GmbH
Bennigsen-Platz 1
D-40474 Düsseldorf
Tel.: 0800 - 5235665, Fax: 0800 - 5356578
- **Informing Department:** Product Development / Quality Assurance
Phone.: +49 (0)5381 76 242
E-Mail: sdb@jameshardie.com
- **Emergency telephone number:** +49 (0)551 19240
(Giftinformationszentrum Nord, German or English language)

2. Hazard identification

- **Hazard description:** void
- **Hazard symbol:** void
- **Risk phrases:** void
- **Information concerning particular hazards for human and environment:** none

3. Composition/information on ingredients

Chemical characterization:

- **Description:** Glass fibre-reinforced lightweight concrete board with lightweight mineral aggregates.
- **Dangerous Components:** none
- **Additional information:** void

4. First aid measures

Description of first aid measures

- **General information:** void
- **After inhalation:** void
- **After skin contact:** void
- **After eye contact:** void
- **After swallowing:** void

5. Firefighting measures

- **Suitable extinguishing agents:** Noncombustible. All extinguishers are suitable media, observing normal fire fighting practices.
- **For safety reasons unsuitable extinguishing agents:** Void

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- **Special hazards caused by the substance, its products of combustion or resultant gases:** void
- **Protective equipment:** void
- **Additional information:** void

6. Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:** void
- **Environmental precautions:** void
- **Methods and material for containment and cleaning up:** Pick up mechanically, pick up in a dry way.

7. Handling and storage

Handling:

- **Precautions for safe handling:** Use correct manual handling techniques. No special handling techniques required.
- **Information about protection against explosions and fires:** void

Storage:

- **Requirements to be met by storerooms and containers:** Store in dry conditions.
- **Information about storage in one common storage facility:** none
- **Further information about storage conditions:** void

8. Exposure controls/personal protection

- **Additional information about design of technical systems:** none
- **Components with critical values that require monitoring at the workplace:** none
- **Additional information:** none

Personal protective equipment

- **General protective and hygienic measures:** Observe general protective and hygiene precautions.
- **Breathing equipment:** During dust formation use protective mask FFP1.
- **Protection of hands:** void
- **Material of gloves:** void

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- **Penetration time of glove material:** void
- **Eye protection:** During dust formation use protective eyewear with side protection.
- **Body protection:** Protective work clothing.

9. Physical and chemical properties

Information on basic physical and chemical properties

General Information

- **Form:** solid flat sheet board
- **Colour:** grey
- **Smell:** odorless

Safety-related Data

- **pH-value:** 12-14
- **Melting point/melting range:** > 1200°C
- **Boiling point/boiling range:** not applicable
- **Flash point:** not applicable
- **Inflammability (solid, gaseous):** not applicable
- **Ignition temperature:** not applicable
- **Decomposition temperature:** not applicable
- **Self-inflammability:** Product is not self-igniting.
- **Danger of explosion:** Product is not explosive.
- **Lower value for explosion:** not applicable
- **Upper value for explosion:** not applicable
- **Steam pressure:** not applicable
- **Density at 20°C:** 0,6 - 0,98 g/cm³
- **Vapour density:** not applicable
- **Evaporation rate:** not applicable
- **Solubility in/Miscibility in water:** Insoluble

10. Stability and Reactivity

Reactivity:

- **Thermal decomposition / conditions to be avoided:** none known
- **Possibility of hazardous reactions:** none known
- **Conditions to avoid:** none known
- **Incompatible materials:** none known
- **Hazardous decomposition products:** none known

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11. Toxicological Information

Acute toxicity: No known acute toxicological effects.

• **Primary irritant effect:**

• **on the skin:** none known

• **on the eye:** none known

• **Sensitization:** none known

• **Additional toxicological information:** none known

• **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):** none known

12. Ecological information

Toxicity: Product with no known adverse environmental effects.

• **Acquatic toxicity:** none known

• **Persistence and degradability:** none known

• **Other information:** none

13. Disposal considerations

Product:

• **Recommendation:** In general, the product can be disposed of as rubble or as domestic waste. The official regulations must be observed.

• **European waste catalogue:** Waste code (EWC): 170101 (Concrete).

Uncleaned packagings:

• **Recommendation:** Except where contaminated by substances other than the substance to be disposed of, the recyclables collection can be recycled with film. Observe official regulations.

14. Transport information

Land transport ADR/RID and GGVS/GGVE (cross-border/domestic):

• **ADR/RID-GGCS/E Class:** No hazardous material according to the above specifications.

Maritime transport IMDG/GGVSea:

• **IMDG/GGVSea-Class:** No hazardous material according to the above specifications.

• **Marine pollutant:** No

Air transport ICAO-TI und IATA-DGR:

• **ICAO/IATA-Class:** No hazardous material according to the above specifications.

• **Transport/Additional information:** Not dangerous according to the above specifications.

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15. Regulatory information

Safety, health and environmental regulations/legislation specific for the mixture

Labelling according to EU guidelines:

AESTUVER Tx Fire protection board do not have to be labelled according to Directive 67/548/EEC for the classification, packaging and labelling of hazardous substances (adapted by Directive 93/21/EEC)

National regulations:

AESTUVER Tx Fire protection board do not have to be labelled according to Ordinance on Hazardous Substances (GefStoffV).
The product is not waste that requires particular monitoring according to the Waste Determination Ordinance (AbfBestV)

• Water hazard class:

WGK 1 slightly hazardous to water (self-classification of manufacturer)

16. Other information

• Liability:

The information given is correct to the best of our knowledge at the time of publication but without guarantee of accuracy. We do not accept any responsibility for damage and claims arising from handling, transport, storage or disposal of the product. This safety data sheet applies only to the product named above. If the product is used as part of other products, information given in the safety data sheet may be invalidated. No warranty is hereby expressed or implied.

• Relevant phrases:

None

• Department issuing data specification sheet:

Product development/Quality assurance

• Contact person:

Mr Dr. D. Vogel

Changes to former revisions are marked with vertical lines.

• This safety data sheet contains 5 Pages

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