

FlexiBatt™

Safety Datasheet
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1. SUBSTANCE IDENTIFICATION

Product Name	FlexiBatt™
Product Code	BB-100
Use/Description	Stone wool fibre board coated with FlexiCoat-MAK, used to prevent the passage of fire between compartmental walls and floors.

2. COMPOSITION

Contains	The Batt consists of stone wool (or rockwool) fibre board coated with an FlexiCoat-MAK. It measures 1000x600x100mm.
Hazardous Components	Mineral wool: 95-99% Binder: 1-5% Oil: 0,1-0,5%

Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na₂O + K₂O + CaO + MgO + BaO) content greater than 18% by weigh and fulfilling one of the nota Q conditions. Possible facing materials: glass mat, polyester mat, aluminium foil, or paper.

3. HAZARD IDENTIFICATION

Main Hazards	Stone wool is classified as irritating to skin. The Irritation is mechanical and temporary. High dust levels from cut product may irritate the eyes and the upper respiratory tract. Decomposition of binder above 190°C may produce carbon dioxide and some trace gases.
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4. FIRST AID MEASURES (SYMPTOMS)

Skin Contact	The mechanical effects of fibers can cause temporary itching.
Eye Contact	Irritation and redness.
Ingestion	Irritation to throat.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.

5. FIRST AID MEASURES (ACTION)

Skin Contact	If itching occurs because of mechanical effects of the fibres, remove contaminated clothing and wash skin gently with cold water and soap, seek medical advice urgently.
Eye Contact	Rinse abundantly with water, seek medical advice.
Ingestion	Wash out mouth with water and drink plenty of water. Seek medical advice.
Inhalation	Remove from exposure. Rinse the throat and blow nose clear dust. Seek medical advice.

6. FIRE FIGHTING MEASURES

Suitable Extinguishers	No special demands. All standard fire-fighting media can be used.
Protective Equipment	Breathing apparatus is required.
Advice for firefighters	N/A, No special advice.

7. ACCIDENTAL RELEASE MEASURES

Personal Precautions	In case of presence of high concentration of dust, use the same personal equipment as mentioned in section 9.
Environmental Precautions	Not applicable.
Clean-up Procedures	Vacuum cleaner to remove dust particles. Granules or dust should be damped down prior to removal with water or brushing up. Refer to Section 12 for suitable methods of disposal.
Reference to other sections	See Section 8 and 9.

8. HANDLING & STORAGE

Handling Requirements	When installing insulation in unventilated spaces suitable disposable fire mask should be used. When handling product, cover exposed skin. Wear goggles when working with product overhead. Dispose of waste in accordance with local regulations. Clean area using vacuum equipment. If itching occurs, it may be lessened by rinsing in cold water before washing.
Storage Conditions	Keep material in original packaging protected against humidity and mechanical damage until it is to be used.

9. EXPOSURE CONTROL & PERSONAL PROTECTION

Exposure Control	<p>Occupational exposure limit values Mineral wool fibre 1 fibre/cm³ (FI, SWE, LT)</p> <p>Other limit values Inorganic dust 10mg/m³ (FI, SWE, LT) and 0,4 mg/m³ (PL)</p>
Respiratory Control	When working in unventilated are or during operations which can generate emission of any dust, wear disposable face mask.
Hand Protection	Gloves to avoid itching.
Eye Protection/ Face Protection	Wear goggles when working overhead.
Skin Protection	Cover exposed skin.
Thermal Hazards	Not applicable.
Environmental exposure controls	Not applicable.

10. PHYSICAL & CHEMICAL PROPERTIES

Appearance	Solid, fibrous, grey.
Odour	Odourless.
Odour Threshold	Not applicable.
Ph	Not applicable.
Melting Point / Freezing Point	Over 1000°C stone wool begins to soften and melt.
Initial Boiling Point & Range	Not applicable.
Flash Point	Not applicable.
Evaporation Rate	Not applicable.
Flammability (solid, gas)	Non Combustible.
Upper/lower flammability or explosive limits	Not applicable.
Vapour Pressure	Not applicable.
Vapour Density	Not applicable.
Relative Density	20-250kg/m ³
Solubility (ies)	The products are practically insoluble in water or organic solutions.
Partition Coefficient: n-octanol/water	Not applicable.
Auto-Ignition Temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	Not applicable.
Explosive Properties	Not applicable.
Oxidising Properties	Not applicable.

11. STABILITY & REACTIVITY

Reactivity	Not applicable.
Chemical Stability	Not applicable.
Possibility of Hazardous Reactions	Not applicable.
Conditions to Avoid	Not applicable.
Incompatible Materials	Not applicable.
Hazardous Decomposition Products	Non in normal conditions of use. For high temperature uses: Thermal decomposition of binder starts above 190°C releasing smelling/odorous gases. The duration and amount of release its dependent upon thickness of insulation, binder content and the temperature applied. During first heating, good ventilation or appropriate personal protection equipment are required.

12. TOXICOLOGICAL INFORMATION

Acute toxicity	Not toxic.
Skin Contact	The mechanical effect of fibres in contact with skin may cause temporary itching.
Eye Contact	May cause short-term mechanical irritation.
Respiratory or skin sensitisation	May cause short-term mechanical irritation.
Delayed / Immediate Effects	Immediate effects can be expected after short term exposure.
Germ cell mutagenicity Carcinogenicity Reproductive Toxicity STOT-repeated exposure Aspiration Hazard Other Information	Not applicable.

13. ECOLOGICAL INFORMATION

Toxicity	Not toxic.
Persistence and degradability	Persistent.
Bio accumulative potential	A very small possibility for water species.
Mobility in soil	A very small possibility.
PBT and vPvB Identification	Not applicable.
Other adverse effects	Not applicable.

14. DISPOSAL CONSIDERATIONS

Disposal Operations	Dispose of in accordance with local authority requirements. Do not discharge into drains or water ways.
Disposal of Packaging	Dispose of as normal industrial waste according to local or national legislation.

15. TRANSPORT HAZARDS

Transport Hazards	No regulations apply for the transport of this material. Not classified as hazardous road, rail, sea or air transport.
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16. ADDITIONAL INFORMATION

Disclaimer	<p>The information provided in this safety data sheet is correct to the best of our knowledge, information, and belief at the date of its publication.</p> <p>The information given is designed only as a guidance for safe handling, use, processing, storage transportation, disposal and release and is not considered a warranty or quality specification.</p> <p>The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.</p>
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LIMITATION

BOSS Passive Fire Pty Ltd has provided the above technical information in good faith and to the best of its knowledge. This information was deemed to be correct at the time of publication. Should any data come to BOSS Passive Fire's attention relating to the fire resistance or performance of the product described BOSS Passive Fire reserve the right to amend this report.

BOSS Passive Fire strive to constantly improve and develop products so this information may change without notice.

The information contained herein has been developed as a guide only and it does not constitute a guarantee of compliance of all applications. Each project and/or application may have specific requirements and you should investigate these carefully. Ensure that you have read and understood the appropriate certification relative to your needs, and ensure you seek acceptance from the Certifying Authority or compliance inspector before installation. For updates on the range of BOSS Fire® certification please contact BOSS Technical Services.

FURTHER INFORMATION

For additional technical information on the performance of FlexiBatt™, other BOSS Fire® products or any other BOSS Fire® related information please contact us on:

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