

SAFETY DATASHEET

FireSilicone-EMA™

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1. SUBSTANCE IDENTIFICATION

Product Name	FireSilicone-EMA™
Product Code	FSIL-3, FSIL-6
Use/Description	Silicone sealant used for sealing gaps where a fire and smoke seal is required, whilst allowing significant movement.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Contains	Contains silicone polymers, silicone cross linkers and fire retardant fillers.
Hazardous Components	Methyl Triethoxysilane 1-10%, CAS: 1185-55-3 [F] R11; [Xi] R36/38

3. HAZARD IDENTIFICATION

Main Hazards	No significant hazard
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4. FIRST AID MEASURES (SYMPTOMS)

Skin Contact	May be mild irritation at the site of contact
Eye Contact	May be irritation and redness
Ingestion	May be irritation of the throat
Inhalation	May be irritation of the throat with a feeling of tightness in the chest

5. FIRST AID MEASURES (ACTION)

Skin Contact	Wash immediately with soap/cleanser and water, if symptoms persist obtain medical advice.
Eye Contact	Bathe eye with running water for 15 minutes. Seek medical attention.
Ingestion	Wash out mouth with water and do not induce vomiting. Seek medical attention immediately.
Inhalation	Remove to fresh air and rest. Consult a doctor.

6. FIRE FIGHTING MEASURES

Extinguishing Media	Suitable extinguishing media for the surrounding fire should be used
Special Exposure Hazards	Use self-contained breathing apparatus

7. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ventilate area. Refer to section 9 of MSDS for personal protection details.
Environmental Precautions	Do not discharge into drains or rivers. Dispose of in accordance with local authority requirements.
Clean-Up Procedures	Absorb in an inert material such as sand or absorbent granules, scoop up and await transfer.

8. HANDLING & STORAGE

Handling Requirements	Wear suitable protective clothing
Storage Conditions	Store in cool, dry, well ventilated areas. Store in original containers between +5°C and +25°C. Storage outside these parameters will dramatically reduce shelf life and invalidates all product warranties. - see section 11 of MSDS.
Suitable Packaging	Must only be kept in original packaging

9. EXPOSURE CONTROL & PERSONAL PROTECTION

Exposure Limit Values	None available
Respiratory Protection	Only use in well-ventilated area
Hand Protection	Protective gloves
Eye Protection	Safety glasses with side shields. Ensure eye bath is to hand.
Skin Protection	Protective clothing

10. PHYSICAL & CHEMICAL PROPERTIES

State	Paste, hardening to plastic solid
Colour	White, grey, black
Odour	Barely perceptible odour

10. PHYSICAL & CHEMICAL PROPERTIES CONTINUES

Evaporation Rate	Not Applicable
Oxidising	Non-oxidising (by EC criteria)
Solubility in Water	Insoluble
Viscosity	Highly viscous
Viscosity Value	Available on request
Viscosity Test Method	Available on request
Boiling Point/Range °C	100
Vapour Pressure mPa	Available on request
Relative Density	1.17kg/m ³
pH	

11. STABILITY & REACTIVITY

Stability	Stable under normal temperatures
Conditions to avoid	Heat, moist air, humidity, direct sunlight
Materials to avoid	Strong oxidizing agents, strong acids
Haz. Decomp. Products	In combustion emits toxic fumes of carbon dioxide/carbon monoxide

12. TOXICOLOGICAL INFORMATION

Routes of Exposure	Refer to section 4 of MSDS for routes of exposure and corresponding symptoms
Acute Toxicity	None known

13. ECOLOGICAL INFORMATION

Persistence & Degradability	No data available
Bio-Accumulative Potential	No data available
Other Adverse Effects	No data available

14. DISPOSAL CONSIDERATIONS

Disposal Operations	D1 tipping above or underground (eg. Landfill, etc) according to local or national legislation. 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

Transport Hazards	No regulations apply for the transport of this material. Not classified as hazardous for road, rail, sea or air transport.
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ADR / RID	
UN no.	
Shipping Name	"NOT SUBJECT TO ADR"
IMDG / IMO	
UN no.	
IATA / ICAO	
UN no.	

16. REGULATORY INFORMATION

Hazards Symbols	No significant hazard
Note	The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

17. ADDITIONAL INFORMATION

Risk Phrases used in s.2	R11: Highly flammable; R36/38: Irritating to eyes and skin
Legal Disclaimer	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. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not considered a warranty or quality specification. 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.

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 on +61 2 9531 8591.

FURTHER INFORMATION

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

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