

## FireSilicone-EMA™

# Safety Datasheet

## FIRESILICONE-EMA™

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### 1. SUBSTANCE IDENTIFICATION

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

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

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

### 3. HAZARD IDENTIFICATION

<b>Main Hazards</b>	No significant hazard.
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#### 4. FIRST AID MEASURES (SYMPTOMS)

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

#### 5. FIRST AID MEASURES (ACTION)

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

#### 6. FIRE FIGHTING MEASURES

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

#### 7. ACCIDENTAL RELEASE MEASURES

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

## 8. HANDLING & STORAGE

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

## 9. EXPOSURE CONTROL & PERSONAL PROTECTION

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

## 10. PHYSICAL & CHEMICAL PROPERTIES

<b>State</b>	Paste, hardening to plastic solid.
<b>Colour</b>	White, grey, black.
<b>Odour</b>	Barely perceptible odour.
<b>Evaporation Rate</b>	Not Applicable.
<b>Oxidising</b>	Non-oxidising (by EC criteria).
<b>Solubility in Water</b>	Insoluble
<b>Viscosity</b>	Highly viscous.
<b>Viscosity Value</b>	Available on request.
<b>Viscosity Test Method</b>	Available on request.
<b>Boiling Point/Range oC</b>	100
<b>Vapour Pressure mPa</b>	Available on request.
<b>Relative Density</b>	1.17kg/m <sup>3</sup>
<b>pH</b>	

## 11. STABILITY & REACTIVITY

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

## 12. TOXICOLOGICAL INFORMATION

<b>Routes of Exposure</b>	Refer to section 4 of SDS for routes of exposure and corresponding symptoms.
<b>Acute Toxicity</b>	None known.

## 13. ECOLOGICAL INFORMATION

<b>Persistence &amp; Degradability</b>	No data available.
<b>Bio-Accumulative Potential</b>	No data available.
<b>Other Adverse Effects</b>	No data available.

## 14. DISPOSAL CONSIDERATIONS

<b>Disposal Operations</b>	D1 tipping above or underground (eg. Landfill, etc) according to local or national legislation. Do not discharge into drains or water ways.
<b>Disposal of Packaging</b>	Dispose of as normal industrial waste according to local or national legislation.

## 15. TRANSPORT HAZARDS

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

## 16. REGULATORY INFORMATION

<b>Hazards Symbols</b>	No significant hazard.
<b>Note</b>	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

<b>Risk Phrases used in s.2</b>	R11: Highly flammable; R36/38: Irritating to eyes and skin.
<b>Legal Disclaimer</b>	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.

## 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:

**AU:** 1300 502 677

**NZ:** 0800 502 677

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