

**MATERIAL SAFETY DATASHEET****FireMastic-300***Issue Date: 29/11/2016**Review Date: 29/11/2021***1. SUBSTANCE IDENTIFICATION**

<b>Product Name</b>	Firemastic 300™ Intumescent Acrylic Sealant – all colours
<b>Product Code</b>	FM300
<b>Use/Description</b>	Fire retardant / Intumescent sealant compound
<b>Company Name</b>	BOSS Fire & Safety Unit 8 / 15-23 Kumulla Rd Caringbah NSW 2229 AUSTRALIA Ph 1300 502 677 Fax 1300 602 677 Email: info@bossfire.com.au

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Contains</b>	Contains a plasticized acrylic polymer, fire retardant fillers, blowing agents and minor additives. No component labeled as dangerous under EEC directives criteria.
<b>Hazardous Components</b>	No hazardous components

**3. HAZARD IDENTIFICATION**

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

<b>Skin Contact</b>	There may be mild irritation at the site of contact
<b>Eye Contact</b>	There may be irritation and redness
<b>Ingestion</b>	There may be irritation of the throat
<b>Inhalation</b>	There 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 the eye with running water for 15 minutes. Seek medical attention.
<b>Ingestion</b>	Wash out mouth with water and do not induce vomiting. Give plenty of water to drink. Seek medical attention immediately.
<b>Inhalation</b>	Remove to fresh air and rest. Consult a doctor.

## 6. FIRE FIGHTING MEASURES

<b>Suitable Extinguishers</b>	Suitable extinguishing media for the surrounding fire should be used
<b>Protective Equipment</b>	DO not use water jets

## 7. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Ventilate area. Refer to Section 8 of the MSDS 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 a cool dry, well ventilated area. 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.
<b>Suitable packaging</b>	Must only be kept in original packaging

## 9. EXPOSURE CONTROL & PERSONAL PROTECTION

<b>Exposure Control</b>	None available
<b>Respiratory Control</b>	Respiratory protection not required
<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

State	Paste, hardening to plastic
Colour	White, grey, brown
Odour	Barely perceptible odour
Evaporation Rate	Slow
Oxidising	Non-oxidising
Viscosity	Highly viscous
Viscosity Value	400-600
Viscosity Test Method	X 1000 cps – Brookfield HBDV2+, spindle S70, 10rpm@20 deg C
Solubility in Water	miscible in water
Relative Density	1.55 kg/m <sup>3</sup>
pH	Approx. 7

## 11. STABILITY & REACTIVITY

Stability	Stable under normal conditions
Conditions to Avoid	Heat, direct sunlight, humidity
Materials to Avoid	Strong oxidising agents. Strong acids
Haz. Decomp. Products	None known

## 12. TOXICOLOGICAL INFORMATION

Routes of Exposure	Refer to Section 4 of MSDS for routes of exposure and corresponding symptoms
Acute Toxicity	No toxic effects known

## 13. ECOLOGICAL INFORMATION

Persistence and Degradability	No data available
Bio-accumulative Potential	No data available
Other Adverse Effects	No data available

## 14. DISPOSAL CONSIDERATIONS

Disposal Operations	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 HAZARDS

Transport Hazards	No regulations apply for the transport of this material Not classified as hazardous road, rail, sea or air transport
Hazard Symptoms	No significant hazard

## 16. VOC TEST RESULTS

Test Date	Test Lab	Test Method	Acceptable Limit	FireMastic-300 Result
June 2016	FORAY Laboratories	SCAQMD Method 304-91 Rule 1168	250g/L	102g/L

## 17. ADDITIONAL INFORMATION

Risk Phrases used in s.2	R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment R65: Harmful – may cause lung damage if swallowed
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 a 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 Fire & Safety Pty Ltd has provided the above information in good faith and to the best of its knowledge. Some of this information is based upon the MSDS and technical information provided by other parties or manufacturers. This information was correct at the time of publication, should any data come to BOSS Fire & Safety's attention relating to the safety or handling of the product described, BOSS Fire & Safety will amend this report.

## FURTHER INFORMATION

To learn more about FireMastic-300, see the Technical Data Sheet available at [www.flamestop.com.au](http://www.flamestop.com.au)

Further information can be provided by contacting below