

CONTENTS: FOAMABLE SOLUTION THAT FORMS A BARRIER AGAINST EMBER ATTACK IN BUSHFIRES.

FSI-EmberGuard is made from nature-derived ingredients. This solution is used to form a stable, long-lasting foam (approx. 7 days) to counteract ember attack. It creates a water-rich foam barrier to be used in gutters and gaps on the exterior of buildings to prevent ember ingress. The established barrier can block the passage of embers even when the foam dries off. The formulated product contains no PFAS or any fluorinated chemical.

PRODUCT DISPOSAL

Dilute residual product effectively with water for safe disposal through common household drains. Empty containers should be left open in a well-ventilated area to dry out. Recycle cleaned and dried containers through local recycle programs. Do not reuse the container unless thoroughly decontaminated.

SAFETY DIRECTIONS

Wear appropriate PPE to prevent contact with skin and eyes. Use only in well ventilated areas. Do not use foam for recreational purposes. Do not ingest foam. Keep container closed when not in use. If required, contact Flame Security International for the Safety Data Sheet.

HAZARD STATEMENTS

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

FIRST AID

If irritation occurs flush the affected area with cold water. Do not induce vomiting if ingested. Wash out mouth thoroughly with water. If poisoning occurs, contact your doctor or Australian Poisons Information Centre: 131 126 or Swedish Poisons Information Centre: 112 (Emergency only); 010 456 6700 for general questions.

STANDARDS

Not Applicable.

FLAME SECURITY INTERNATIONAL PTY LIMITED

Phone: 1300 479 582 (Australia) or +46 705 542 540 (Sweden)

Email: info@flamesecurity.com

www.flamesecurity.com

ACN 623 722 510

Invented and manufactured in Australia.

NO LIABILITY IS ACCEPTED.
Container Size: 10 Litres
Manufactured September 2022



FOAM GUARD AGAINST EMBERS

NATURE-DERIVED INGREDIENTS

LOW SHEEN

10 Litre



USE ON	Gutters and gaps on the exterior of building which provide passage to flammable interior structures.
SURFACE PREPARATION	As much debris should be removed from gutters as possible to achieve the best performance. Block the downpipes with sheet metal or a piece of plastic so the foam will not fall through. If the downpipe is connected to a rainwater tank, detach it prior to applying the foam. Surfaces must be relatively dry without accumulation of water, which can cause the foam to collapse.
MIXING	FSI-EmberGuard is ready-to-use. No mixing or dilution is needed. Dilution with water will have detrimental effects on the fire protection performance.
APPLICATION	Apply FSI-EmberGuard with FSI-Foamaker (sold separately). Do not dilute FSI-EmberGuard. Connect FSI-Foamaker to an air-compressor. Apply a constant pressure of 2 bar (minimum) during application. Fill the gutters and gaps gradually with foam. Ensure that the volume is filled completely. Apply foam in slight excess to provide better coverage. Apply FSI-EmberGuard at least 2-3 days in advance before evacuation. If possible, top up the established barrier with fresh foam just before evacuation.
EXPANSION RATIO	FSI-EmberGuard can generate a foam volume 3-4 times the size of the stock solution. This as a guideline to determine how much product is required for application.
STABILITY OF FOAM	When applied as instructed, the foam will last for approximately 7 days without major signs of drainage or collapse of bubbles. Environmental factors such as sun exposure, temperature, wind speed, humidity, etc., could affect the stability of the foam. When the foam dries off gradually, a solid layer forms, which continues to function as a barrier and helps retain moisture in the wet layer underneath.
CLEANING EQUIPMENT	Wash the reservoir of FSI-Foamaker in clean, cold water and flush the system promptly after application. Clean and remove any dried product. Use all products completely.
REMOVAL OF RESIDUAL MATERIALS	Dried foam materials may remain, which can be washed away with water. For effective cleaning, a pressure cleaner could be used.
STORAGE	<ul style="list-style-type: none"> - Store in a well-ventilated, dry place at temperature between 5-35°C. - Store away from direct sunlight and extreme heat. - Keep containers tightly sealed when not in use. - Keep out of reach of children and pets.
SHELF LIFE	FSI-EmberGuard has a shelf-life of 24 months if stored in original sealed containers under the recommended storage conditions.