

Safety Data Sheet

Blazetrap® Rapid Outlet Box System (ROBS)

Revision 4 - 16th October 2025



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Section 1: Identification of the product and the company's undertaking

1.1. Product identifier

Product name	:	Blazetrap® Rapid Outlet Box System (ROBS)
Product code	:	AFROBS
Product Sizes	:	Blazetrap® ROBS 1 Single Gang Box: 74x74x50mm Blazetrap® ROBS 2 Double Gang Box: 134x74x50mm

1.2. Relevant Uses of the Product

Partial Penetration Seal/Membrane Seal.

A prefabricated electrical back box consisting of a stainless steel casing and an intumescent insert (ROBS Intumescent System) for interior partial and full penetration sealing applications.

1.3. Details of the supplier of the safety data sheet

Company name	:	Astroflame (Fireseals) LTD Unit 8 , I.O Centre Stephenson Road Segensworth Fareham PO15 5RU United Kingdom
Tel	:	01329 844 500
Email	:	sales@astroflame.com

1.4. Emergency telephone number

Tel Number : (0) 44 1329 844500 Language: English - Office hours 8am to 5:30pm GMT

Section 2: Hazards

2.1. Classification of the Product

This product is not classified as hazardous according to Regulation (EC) No 1272/2008.

2.2. Labelling

This product does not require a hazard warning label in accordance with EC directives.

2.3. Other hazards

According to Regulation (EC) No 1907/2006 (REACH) none of the substances contained in this product are a PBT / vPvB.

Section 3: Composition and information on ingredients

3.1. Chemical characterisation

This product is an intumescent fire resistant system consisting of a source of carbon, a bonding material and special additives. This product is fire resistant.

Hazardous components : Not applicable.

Section 4: First aid measures

4.1. Description of first aid measures

This product has no hazards that require special first aid measures.

This product does not present any hazards that require special first aid measures. When used as intended, exposure through inhalation is not expected. In case of any unexpected symptoms or discomfort, move the affected person to fresh air and seek medical advice if necessary.

- | | | |
|-----------|---|--|
| Skin | : | After contact with skin, remove and wash contaminated clothes before re-use. Wash off immediately with soap and plenty of water. Consult a doctor if skin irritation persists. |
| Eyes | : | After contact with eyes, remove contact lenses, rinse eyes and under the eyelids thoroughly with water and consult a doctor immediately. |
| Ingestion | : | After ingestion, rinse out the mouth and drink plenty of water. Do not induce vomiting. Consult a doctor immediately. |

4.2. Symptoms and effects

See Section 11.

4.3. Immediate medical attention and special treatment required

No data available.

Section 5: Fire-fighting measures

5.1. Extinguishing

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|---------------|---|--|
| Extinguishing | : | <ul style="list-style-type: none">• This product itself does not burn. Use fire extinguishing methods in accordance to the surroundings.• There are no special hazards associated with this product.• Firefighters are advised to wear protective equipment in accordance with the conditions. |
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Section 6: Accident Precautions

6.1. Accident Precautions

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|-------------|---|---|
| Precautions | : | <ul style="list-style-type: none">• Suitable eye protection, gloves and protective clothing should be worn.• Dispose of this product in closed containers. Do not discharge into drains, surface water or ground water.• When cleaning up, dispose the product into a suitable container, avoiding the dispersal of dust.• See Section 8 for information on personal protective equipment. |
|-------------|---|---|

Section 7: Handling and storage

7.1. Precautions for safe handling

- Safe handling :
- Ensure there is adequate ventilation especially in confined areas and avoid the formation of dust.
 - There are no specific fire preventions necessary but note the general rules of internal fire prevention.
 - Take the usual precautions when handling chemicals.
 - Wash hands before breaks and at the end of the working day.
 - Keep away from food, drink, and animal feed.
 - Remove and wash contaminated clothes before re-use

7.2. Safe storage

- Safe storage :
- Protect against physical damage of the product.
 - Protect against heat, direct sunlight and freezing.
 - Keep tightly closed in a cool and dry place.

7.3. End Use

This product is for passive fire protection and reacts under high temperature.

Section 8: Exposure controls and personal protection

8.1. Exposure

- Exposure :
- Implement appropriate technical and organizational measures.
 - Ensure adequate ventilation, especially in confined areas.

8.2. Personal protection

- Personal protection :
- Take the usual precautions when handling the product.
 - Wash hands before breaks and immediately after handling the product.
 - Avoid unnecessary contact with skin, eyes, and clothing.
 - Remove and wash contaminated clothes before re-use.

8.3. Eye and face protection

- Eye and face protection :
- Tightly fitting goggles (EN166).
 - Eye wash bottle for emergency use (EN15154).

8.4. Hand protection

- Hand protection :
- Protective gloves (EN374).
 - Safety gloves (EN420 cat 1 or 2).
 - Suitable material for extended and direct contact (EN374) (protection index 6, corresponding to a permeation rate >480 minutes) Nitrile rubber or nitrile latex – NBR (0.35mm)
 - Requirements can vary as a function of use; therefore, it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

8.4. Skin protection

- Skin protection :
- Wear closed and long working clothes.

8.4. Respiratory protection

Respiratory protection : • Breathing protection is not necessary in the case of correct usage under normal conditions.

Section 9: Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state : Solid material
Colour : Anthracite Grey
Odour : Faint, characteristic

9.10. Changes to the physical state

Initial boiling point and boiling rate : Not determined
Flash Point : Not applicable
Lower explosion limits : Not determined
Upper explosion limits : Not determined
Water solubility (at 20°C) : Immiscible
Solubility in other solvents : Not determined
Ignition temperature : Not applicable
Explosive properties : The product is not explosive
Decomposition temperature : Not determined
Viscosity / dynamic (at 20°C) : Not determined
Viscosity / kinematic : Not determined
Oxidising properties : The product is not self-igniting

Section 10: Stability and reactivity

10.1. Reactivity

At the temperature of $\geq 175^{\circ}\text{C}$ (depending on construction material) there starts a physicochemical reaction which expands the volume.

Reactivity : • The product is stable under normal conditions.
• There are no hazardous reactions known.
• Avoid contact with heat.
• This material is incompatible with strong oxidising agents, strong acids, and strong bases.
• Hazardous decomposition products are ammonia, aldehydes, alcohols, organic acid, carbon dioxide (CO₂), Carbon monoxide (CO), sulphur oxide and nitrous oxides (NO_x)

Section 11: Toxicological

11.1. Toxicology information

Toxicokinetic, metabolism and distribution	:	No toxicological data available.
Acute toxicity	:	Based on available data, the classification criteria were not met.
Irritation and corrosivity	:	- Based on available data, the classification criteria were not met. - Repeated or prolonged exposure may cause irritation to the skin and eyes.
Sensitising effects	:	- Based on available data, the classification criteria were not met. - No sensitising effects known.
STOT – single exposure	:	Based on available data, the classification criteria were not met.
Severe effects after repeated or prolonged exposure	:	Based on available data, the classification criteria were not met.
Carcinogenic, mutagenic, and toxic effects for reproduction	:	Based on available data, the classification criteria were not met.
Aspiration hazard	:	Based on available data, the classification criteria were not met.
Further information	:	If handled appropriately and in accordance with the general hygienic rules, no damage to health have become known.

Section 12: Ecological information

12.1. Ecological information

Toxicity	:	No data available.
Biodegradability	:	Not readily degradable.
Bio accumulative potential	:	The product has not been tested because of the products consistency and low solubility in water, bioavailability is not likely.
Mobility in soil	:	No data available.
Results of PBT and vPvB assessment	:	According to regulation (EC) No 1907/2006 (REACH) none of the substances contained in this product are a PBT substance.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal	:	Dispose of this product in accordance with local regulations.
		170904 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES); other construction and demolition wastes; mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03.
		150102 WASTE PACKAGING, ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED: packaging (including separately collected municipal packaging waste); plastic packaging.
		Empty containers should be taken for local recycling, recovery, or waste disposal.

Section 14: Transport

14.1. Transport information

Land transport (ADR/RID); Marine transport (IMDG); Air transport (IATA)(ICAO);Inland waterways transport (ADN)		
UN number	:	Not applicable. No hazardous material as defined by the transport regulations.
UN proper shipping name	:	Not applicable. No hazardous material as defined by the transport regulations.
Transport hazard class (es)	:	Not applicable. No hazardous material as defined by the transport regulations.
Packing group	:	Not applicable. No hazardous material as defined by the transport regulations.
Environmental hazards	:	Not applicable. No hazardous material as defined by the transport regulations.
Special precautions for user	:	Not applicable. No hazardous material as defined by the transport regulations.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	:	Not applicable. No hazardous material as defined by the transport regulations.

Section 15: Regulatory information

15.1. EU regulatory information

EU regulatory information	:	- This product is not classified as dangerous in accordance with Regulation (EC) No 1272/2008 GHS - Water contaminating class (D): 1- slightly water contaminating. - Chemical safety assessments for substances in this product were not carried out.
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Section 16: Other information

16.1. Other information

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG	International Maritime Code for Dangerous Goods
IATA	International Air Transport Association
ICAO	International Civil Aviation Organisation
MARPO	International Convention for the Prevention of Pollution from Ships
GHS	Globally harmonised system of classification and labelling of chemicals
REACH	Registration, Evaluation, Authorisation, and restriction of Chemicals
EN	European Norm
PBT	Persistent Bio-accumulative and Toxic
vPvB	Very Persistent and Very Bio-accumulative

16.2. Further information

Further information	:	- Content of sections 4 to 8 and 10 to 12 do not relate to the application of the product but to the avoidance of accidents and irregularities - The information is for the safety requirements of the product(s) and is based on the present level of our knowledge. - This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.
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