ASTROFLAME
PASSIVE FIRE STOP SYSTEMS

Safety Data Sheet

Blue60 Fire Frame Foam

Revision 3 - 26th January 2026



Astroflame (Fireseals) LTD : Unit 8 , I.O Centre : Stephenson Road : Segensworth : Fareham : PO15 5RU
T - **01329 844500** : W - **www.astroflame.com** : E - **sales@astroflame.com**

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name : BLUE60 FOAM

Product Code : AFBLUE60/GG

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture : Adhesive foam.

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 Number : (0) 44 1329 844500

Email : sales@astroflame.com

1.4. Emergency telephone number

Section 2: Hazards Identification

2.1. Hazardous Nature



Signal Word: Danger
The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Contains isocyanates. See information chapter 15.

2.2. Label elements

Labelling According to Regulation (EC) No 1272/2008 (CLP/GHS)

2.2.1. Hazard Statements

H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335: May cause respiratory irritation.
H351: Suspected of causing cancer.
H373: May cause damage to organs through prolonged or repeated exposure.

2.2.2. Precautionary Statements

2.2.2.1. Prevention

P102-Keep out of reach of children.
P202-Do not handle until all safety precautions have been read and understood.
P210 - keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No Smoking
P211 - do not spray on open flame or other ignition sources
P251 - Do no piece or burn even after use
P260-Do not breathe.
P271-Use only outdoors or in a well-ventilated area.
P270-Do not eat, drink or smoke when using this product.
P272-Contaminated work clothing should not be allowed out of the workplace.
P264-Wash hands thoroughly after handling.
P284-in case of inadequate ventilation wear respiratory protection.
P280-Wear protective gloves/eye protection/face protection.

2.2.2.2. Response

P304+P340-IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P310-Immediately call a POISON CENTER or doctor/physician.
P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313-If eye irritation persists: Get medical advice/attention.
P302+P352-IF ON SKIN: Gently wash with plenty of soap and water.
P333+P313-If skin irritation or rash occurs: Get medical advice/attention.
P363-Wash contaminated clothing before reuse.
P308+P313-IF exposed or concerned: Get medical advice/attention.

2.2.2.3. Disposal

P501-Dispose of contents/container through a waste management company authorized by the local government.

2.2.2.4. Storage

P403+P233-Store in a well-ventilated place. Keep container tightly closed.
P405-Store locked up.

2.3. Other Hazards

2.3.1. Physical Hazards

Flammable liquids Category 2
H223-Flammable material

2.3.2. Health Hazards

Acute toxicity (Inhalation) Category 2
Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 2
Respiratory sensitization Category 1
Skin sensitization Category 1
Specific target organ toxicity

2.3.3. Environmental Hazards

Not applicable.

2.4. Information Concerning Particular Hazards for Human and Environment

The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

2.5. Additional Informations

Please look over section 11 for toxicological information. Full text of H- and EUH- phrases: See section 16.

Section 3: Composition/Information on Ingredients

Description: Mixture of substances listed below with nonhazardous additions

Ingredients	CAS NO	EC NO.	CONC. %	Classification (EC) No 1272/2008 (CLP/GHS)
Diphenylmethane Diisocyanate isomeres homologues	9016-87-9	----	25-35%	H315, H317, H319,H332, H334 H335, H373, H351
Butane	106-97-8	203-448-7	2.5-10%	H220
Dimethyl ether	115-10-6	200-662-2	2.5-10%	H220
Propane	74-98-6	200-827-9	2.5-10%	H220
Tris(2-chloro-1-methylethyl) phosphate	13674-84-5	237-158-7	5-30%	H302

Section 4: First Aid Measures

General Advice:
The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

4.2 After inhalation

Remove person to fresh air. If signs/symptoms persist, get medical attention.

4.3 After skin contact

Immediately wash with water and soap and rinse thoroughly.

4.4 After eye contact

Flush eyes with large amounts of water. Get medical attention.

4.5 After swallowing

Do not induce vomiting.

Section 5: Fire-Fighting Measures

5.1 Protective equipment

Mount respiratory protective device and wear protective equipment.

5.2 Suitable extinguishing agents

CO2, sand, extinguishing powder. Do not use water.

5.3 For safety reasons unsuitable extinguishing agents

Water with full jet.

Section 6: Accidental Release Measures

6.1 Person-related safety precautions

Wear protective equipment. Keep unprotected persons away.

6.2 Measures for environmental protection

Do not allow to enter sewers/ surface or ground water.

6.3 Measures for cleaning/collecting

Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents.

Section 7: Handling and Storage

7.1 Handling

7.1.1 Information for safe handling

Ensure good ventilation/exhaustion at the workplace.

7.1.2 Information about fire - and explosion protection

Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights.

Do not pierce or burn, even after use. Do not spray onto a naked flame or any incandescent material. Keep away from sources of ignition.

7.2 Storage

7.2.1 Requirements to be met by storerooms and receptacles

Store in a cool location. Observe official regulations on storing packaging with pressurized containers.

7.2.2 Information about storage in one common storage facility

Not required.

7.2.3 Further information about storage conditions

Keep container tightly sealed.
Store in cool, dry conditions in well-sealed receptacles.

Section 8: Exposure Controls/Personal Protection

8.1. Control Parameters

106-97-8 butane
OES : Short-term value: 1810 mg/m³, 750 ppm Long-term value: 1450 mg/m³, 600 ppm
74-98-6 propane
OES : Asphyxiate
115-10-6 dimethyl ether
OES : Short-term value: 958 mg/m³, 500 ppm Long-term value: 766 mg/m³, 400 ppm IOELV
9016-87-9 diphenylmethanediisocyanate, isomers and homologues
MEL : Short-term value: 0.07 mg/m³ Long-term value: 0.02 mg/m

8.2 Personal protective equipment

8.2.1 General protective and hygienic measures

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

8.2.2 Respiratory protection

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

8.2.3 Protection of hands

The glove material has to be impermeable and resistant to the product / substance Protective gloves
Material of gloves
Nitrile rubber, NBR Recommended thickness of the material: ≥ 0.4 mm Butyl rubber, BR Recommended thickness of the material: ≥ 0.7 mm
Penetration time of glove material
For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6).

9: Information on Basic Physical and Chemical Properties

9.1 General information

Form : Aerosol
Odour : Characteristic

9.2 Important health, safety and environmental information

Boiling Range : Not applicable, as aerosol
Flash Point : not applicable to aerosol
Self-igniting : Product is not self-ignite.
pH : Not Applicable
Specific Gravity : 22 ± 3 Kg/ cm3
Vapour pressure : 5 Bar/+20° C
Melting point : No Data Available
Danger of explosion : Product is not explosive. However, formation of explosive air/vapor mixtures is possible.
Solubility in / Miscibility with water : Not miscible or difficult to mix.VOC: 19%

Section 10: Stability and Reactivity

10.1. Reactivity

No data available

10.2. Chemical Stability

The product is chemically stable under normal usage conditions.

10.3. Possibility of Hazardous Reactions

No hazardous reactions known.

10.4. Conditions to Avoid

Heat, flames and sparks (in uncured state).

10.5. Incompatible Materials

Strong oxidizing agents, acids, amines, bases.

10.6. Hazardous Decomposition Products

Carbon dioxide, carbon monoxide, oxides of nitrogen, smoke.

Section 11: Toxicological Information

11.1 Toxicity

11.1.1 Primary irritant effect

No data available

11.1.2 On the skin

Irritant to skin and mucous membranes.

11.1.3 On the eye

Irritating effect.

11.1.4 Sensitization

Sensitization possible through inhalation. Sensitization possible through skin contact.
Chemical Name LD50 Oral LD50 Dermal LC50 Inhalation
Methylene bisphenyl 9200 mg/kg (Rat)
isocyanate (MDI)
Propane 658 mg/kg (Rat)
Dimethyl ether
308 g/ m3 (Rat) 4 h

Section 12: Ecological Information

12.1. Toxicity

12.2 General notes

Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Effect on the ozone layer : Not dangerous for the ozone layer
Greenhouse effect : No data available.
Effect on waste water purification : No data available

12.3. Bioaccumulative Potential

No data available

12.4. Mobility in Soil

No data available.

12.5. Results of PBT and vPvB Assessment

No data available

12.6. Other Adverse Effects

No data available.

Section 13: Disposal Considerations

13.1. Waste Treatment Methods

Product: Dispose of in accordance with local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.
Contaminated packaging: Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14: Transport Information

14.1. UN Number

ADR/RID: 1950
IMDG: 1950
IATA: 1950

14.2. Proper UN Shipping Name

ADR/RID : AEROSOLS, FLAMMABLE
IMDG : AEROSOLS, FLAMMABLE
IATA : AEROSOLS, FLAMMABLE

14.3. Transport Hazard Class(es)

ADR/RID: 2.1
IMDG: 2.1
IATA: 2.1

14.4. Packing Group

Not applicable.

14.5. Environmental Hazard

No

14.6. Special Precautions for User

IMDG-EmS Number : F-D, S-U

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

Section 15: Regulatory Information

15.1. Safety, Health and Environmental Regulations Specific for the Preparations

Regulation (EC) No 1907/2006, (REACH)
Regulation (EC) No 1272/2008, (CLP)
Aerosol Dispensers Directive 75/324/EEC , (ADD)
ADR-European Agreement Concerning the International Carriage of Dangerous Goods by Road

Section 16: Other Information

16.1. Indication of Changes to the Previous Version

Date Prepared: 02.12.2014
Revision Date: 26.01.2026
Revision No: 3

16.2. Abbreviations and Acronyms

CLP: Classification, labelling and packaging.
GHS: Globally harmonized system of classification and labelling of chemicals.
ADR: European agreement concerning the Int. carriage of dangerous goods by road.
IATA: International air transport association.
ICAO: International civil aviation organization.
IMDG: International maritime code for dangerous goods.
PBT: Persistent, bioaccumulative and toxic according to 1907/2006/EC, Annex XIII.
vPvB: Very persistent and very bioaccumulative according to 1907/2006/EC, Annex XIII.
OEL: Occupational exposure limit.
CAS No: Chemical abstract service index number.
EC50: Half maximal effective concentration
LC50: Median lethal concentration.
LD50: Median lethal dose.
H220: Extremely flammable gas.
H222: Extremely flammable aerosol.
H229: Pressurized container: may burst if heated.
H280: Contains gas under pressure; may explode if heated.
H302: Harmful if swallowed.
EUH204: Contains isocyanates. May produce an allergic reaction.

16.3. Special Information of Certain Preparations

Contains Diphenylmethanediisocyanate Isomers Homologues
Contains isocyanates. Harmful by inhalation. Irritating to eyes, respiratory system and skin. May cause sensitization by inhalation.

16.4. Further Information

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical.
Department issuing SDS : Product safety department.
Contact : Product safety.

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