

Foam Cleaner

SECTION 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

- 1.1 Product identifier:** PU Foam Cleaner
- 1.2 Product code:** FAS-PUFOAMCLEANER
- 1.3 Use:** A solvent based cleaner to remove PU foam and other construction chemicals.
- 1.4 Details of the supplier of the safety data sheet:**
Fire & Acoustic Seals Limited
Unit 17 Spartan Industrial Estate
Brickhouse Lane
West Bromwich, B70 0DH
United Kingdom
Phone: +44 (0)121 521 2179
Email: sales@fireandacousticseals.co.uk
www.fireandacousticseals.co.uk
- 1.5 Emergency telephone number:**
+44 (0)121 521 2179 (Office Hours 08:00 to 17:00)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Regulation EC 1272/2008



GHS02

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.
STOT SE 3 H336 May cause drowsiness or dizziness

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008:

The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms



GHS02



GHS07

Signal word

Danger

Hazard-determining components of labelling:

- acetone
- ethyl acetate

Hazard statements

H222: Extremely flammable aerosol.
H229: Pressurised container: May burst if heated.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.

Precautionary statements

P102: Keep out of reach of children.

P261: Avoid breathing spray.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

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.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

Do not pierce or burn, even after use.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Do not spray on an open flame or other ignition source.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards**Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixture:**

Description: Mixture of substances listed below with non-hazardous additions.

| Identification | Chemical Name/Classification | Concentration |
|---|---|---------------|
| CAS: 67-64-1 EINECS: 200-662-2 Reg.nr: 01-2119471330-49-xxxx | Acetone | 47 - 50% |
| | Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066 | |
| CAS: 141-78-6 EINECS: 205-500-4 Reg.nr: 01-2119475103-46-xxxx | Ethyl acetate | 19 - 22% |
| | Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066 | |
| CAS: 75-28-5 EINECS: 200-857-2 Reg.nr: 01-2119485395-27-xxxx | Isobutane | < 20% |
| | Flam. Gas 1A, H220; Press. Gas (Comp.), H280 | |
| CAS: 74-98-6 EINECS: 200-827-9 Reg.nr: 01-2119486944-21-xxxx | Propane | < 10% |
| | Flam. Gas 1A, H220; Press. Gas (Comp.), H280 | |
| CAS: 106-97-8 EINECS: 203-448-7 Reg.nr: 01-2119474691-31-xxxx | Butane, pure | < 10% |
| | Flam. Gas 1A, H220; Press. Gas (Comp.), H280 | |

Additional information: For the wording of the listed hazard phrases refer to section 16

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures:****General information:**

Immediately remove any clothing soiled by the product.

After inhalation:

- Supply fresh air and to be sure call for a doctor.
- Use a respiratory bag or breathing device.
- In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

- Rinse out mouth and then drink plenty of water.
- Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

- Stupor
- Headache
- Unconsciousness
- Coughing
- Nausea
- Dizziness

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing agents:

- Carbon dioxide
- Water spray
- Fire-extinguishing powder
- Alcohol resistant foam

For safety reasons unsuitable extinguishing agents:

Water with full jet.

5.2 Special hazards arising from the substance or mixture:

- Can form explosive gas-air mixtures.
- Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters:

Protective equipment:

- Do not inhale explosion gases or combustion gases.
- Wear self-contained respiratory protective device.

Additional information :

Cool endangered receptacles with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

- Keep away from ignition sources.
- Use respiratory protective device against the effects of fumes / dust / aerosol.
- Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

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

6.3 Methods and material for containment and cleaning up:

- Absorb with liquid-binding material (sand, diatomite, universal binders).
- Dispose of the material collected according to regulations.
- Ensure adequate ventilation.

6.4 Reference to other sections:

See Section 13 for disposal information

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

- Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
- Ensure good ventilation / exhaustion at the workplace.
- Open and handle receptacle with care.

Information about fire - and explosion protection

- Keep ignition sources away - Do not smoke.
- Protect against electrostatic charges.
- Pressurised 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.

7.2 Conditions for safe storage, including any incompatibilities:

Storage:

Requirements to be met by storerooms and receptacles:

- Store in a cool location.
- Observe official regulations on storing packagings with pressurised containers.

Information about storage in one common storage facility:

- Store away from oxidising agents.
- Do not store together with reducing agents, heavy-metal compounds, acids and alkalis.

Further information about storage conditions:

- Store in vertical position in closed original containers.
- Protect from heat and direct sunlight.
- Store under lock and key and out of the reach of children.
- Store at temperature from +5°C to +35°C.

7.3 Specific end use(s):

No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters:**

Ingredients with limit values that require monitoring at the workplace

| CAS: 67-64-1 acetone | |
|-----------------------------|---|
| WEL | Short-term value: 3620 mg/m ³ , 1500 ppm |
| | Long-term value: 1210 mg/m ³ , 500 ppm |
| CAS: 141-78-6 ethyl acetate | |
| WEL | Short-term value: 1468 mg/m ³ , 400 ppm |
| | Long-term value: 734 mg/m ³ , 200 ppm |
| CAS: 106-97-8 butane, pure | |
| WEL | Short-term value: 1810 mg/m ³ , 750 ppm |
| | Long-term value: 1450 mg/m ³ , 600 ppm |
| | Carc (if more than 0.1% of buta-1.3-diene) |

DNELs:

| CAS: 67-64-1 acetone | | |
|----------------------|------|---|
| Oral | DNEL | 62 mg/kg/Tag (General population, consumers) |
| Dermal | DNEL | 62 mg/kg/Tag (General population, consumers) |
| Inhalative | DNEL | 186 mg/kg/Tag (Workers) 200 mg/m ³ (General population, consumers) 1,210 mg/m ³ (Workers) |

PNECs:

| CAS: 67-64-1 acetone | |
|------------------------|-----------------------------------|
| (freshwater) | 10.6 mg/l (Aquatic Organisms) |
| (sea water) | 1.06 mg/l (Aquatic Organisms) |
| (freshwater sediments) | 30.4 mg/kg (Aquatic Organisms) |
| (sea water sediments) | 3.04 mg/kg (Aquatic Organisms) |
| (soil) | 29.5 mg/kg (Terrestrial Organism) |

8.2 Exposure controls:

Appropriate engineering controls: No further data; see item 7.

Individual protection measures, such as personal protective equipment

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.
- Do not eat, drink, smoke or sniff while working.
- Avoid contact with the eyes and skin.

Hand protection

EN 374 Protective gloves

- The glove material has to be impermeable and resistant to the product / the substance / the preparation.
- Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves:

- Polyethylene gloves.
- Recommended thickness of the material: ≥ 0.02 mm.
- The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

- ≥ 10 min
- The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye/face protection

EN 166 Tightly sealed goggles

Body protection:

Protective work clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties:****General Information:**

| | |
|-------------------------------|----------------|
| Colour: | Colorless |
| Odour: | Characteristic |
| Melting point/freezing point: | Not determined |
| Flash point: | Not determined |

Solubility

| | |
|------------------|----------------|
| Water: | Soluble |
| Vapour pressure: | Not determined |

Density and/or relative density

| | |
|----------|----------------|
| Density: | Not determined |
|----------|----------------|

9.2 Other information:

No further relevant information available

Appearance:

Form: Aerosol

Important information on protection of health and environment, and on safety.

Explosive properties: Heating may cause an explosion.

Change in condition

Softening point/range

Oxidising properties: Extremely flammable.

Information with regard to physical hazard classes

Explosives: Void

Flammable gases: Void

Aerosols

Extremely flammable aerosol.

Pressurised container: May burst if heated.

Oxidising gases: Void

Gases under pressure: Void

| | |
|---|------|
| Flammable liquids | Void |
| Flammable solids | Void |
| Self-reactive substances and mixtures | Void |
| Pyrophoric liquids | Void |
| Pyrophoric solids | Void |
| Self-heating substances and mixtures | Void |
| Substances and mixtures, which emit flammable gases in contact with water | Void |
| Oxidising liquids | Void |
| Oxidising solids | Void |
| Organic peroxides | Void |
| Corrosive to metals | Void |
| Desensitised explosives | Void |

SECTION 10: STABILITY AND REACTIVITY**10.1 Reactivity:**

No further relevant information available.

10.2 Chemical stability:

Thermal decomposition / conditions to be avoided:

- To avoid thermal decomposition do not overheat.
- No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions:

Reacts with oxidising agents.

10.4 Conditions to avoid:

No further relevant information available.

10.5 Incompatible materials:

Strong oxidants.

10.6 Hazardous decomposition products:

No dangerous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

Acute toxicity: Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

| CAS: 141-78-6 ethyl acetate | | |
|-----------------------------|------|------------------------|
| Oral | LD50 | 5,620 mg/kg (rat) |
| Dermal | LD50 | >18,000 mg/kg (rabbit) |

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2 Information on other hazards**Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability

Easily biodegradable

12.3 Bioaccumulative potential

Non significant accumulation in organisms

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Additional ecological information:

General notes:

Due to available data on eliminability/decomposition and bioaccumulation potential a prolonged damage of the environment is unlikely.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Recommendation:

- Do not allow to enter surface or ground water.
- Dispose of in a safe manner in accordance with local / national regulations.
- Assigning a code from the waste catalogue depends on the sector, in which the user operates, as well as on arrangements made between the waste generator and a competent environment protection department.
- Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

| CAS: 106-97-8 butane, pure | |
|----------------------------|---|
| 15 01 11* | metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers |
| HP3 | Flammable |
| HP4 | Irritant - skin irritation and eye damage |
| HP5 | Specific Target Organ Toxicity (STOT)/Aspiration Toxicity |

Uncleaned packaging:

Recommendation:

Disposal must be made according to official regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

ADR, IMDG, IATA UN1950

14.2 UN proper shipping name

ADR, IMDG, IATA AEROSOLS

14.3 Transport hazard class(es)

ADR



Class 2 5F Gases
Label 2.1

IMDG, IATA



| | | |
|------|--|-----------------------|
| | Class | 2 5F Gases |
| | Label | 2.1 |
| 14.4 | Packing group | Not applicable |
| 14.5 | Environmental hazards: | |
| | Marine pollutant: | No |
| 14.6 | Special precautions for user (Kemler code): - | Warning: Gases |
| | EMS Number: | F-D,S-U |
| 14.7 | Maritime transport in bulk according to IMO instruments | Not applicable |
| | UN "Model Regulation": | UN 1950 AEROSOLS, 2.1 |

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

- 1907/2006/CE Regulation, UK REACH
- 1272/2008/CE Regulation, GB CLP
- 2020/878/UE Regulation
- This product is regulated by Regulation (EU) 2019/1148: all suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point.

Directive 2012/18/EU

Named dangerous substances - ANNEX I

None of the ingredients is listed.

Seveso category

P3a FLAMMABLE AEROSOLS

Qualifying quantity (tonnes) for the application of lower-tier requirements

150 tonnes

Qualifying quantity (tonnes) for the application of upper-tier requirements

500 tonnes

Regulation (EC) No 1907/2006 ANNEX XVII

Conditions of restriction: 3

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

Regulation (EU) 2019/1148

Annex I - Restricted explosives precursors (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - Reportable explosives precursors

CAS: 67-64-1 acetone

Regulation (EC) No 273/2004 on drug precursors

CAS: 67-64-1 acetone

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

CAS: 67-64-1 acetone 3

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

| | |
|--------|---|
| H220 | Extremely flammable gas. |
| H225 | Highly flammable liquid and vapour. |
| H280 | Contains gas under pressure; may explode if heated. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

Abbreviations and acronyms:

| | |
|---------------|--|
| ADR: | Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) |
| IMDG: | International Maritime Code for Dangerous Goods |
| IATA: | International Air Transport Association |
| GHS: | Globally Harmonised System of Classification and Labelling of Chemicals |
| EINECS: | European Inventory of Existing Commercial Chemical Substances |
| ELINCS: | European List of Notified Chemical Substances |
| CAS: | Chemical Abstracts Service (division of the American Chemical Society) |
| DNEL: | Derived No-Effect Level (UK REACH) |
| PNEC: | Predicted No-Effect Concentration (UK REACH) |
| LC50: | Lethal concentration, 50 percent |
| LD50: | Lethal dose, 50 percent |
| PBT: | Persistent, Bioaccumulative and Toxic |
| vPvB: | very Persistent and very Bioaccumulative |
| Flam: | Gas 1A: Flammable gases – Category 1A |
| Aerosol 1: | Aerosols – Category 1 |
| Press: | Gas (Comp.): Gases under pressure – Compressed gas |
| Flam. Liq. 2: | Flammable liquids – Category 2 |
| Eye Irrit. 2: | Serious eye damage/eye irritation – Category 2 |
| STOT SE 3: | Specific target organ toxicity (single exposure) – Category 3 |

The information contained in the Health and Safety Data Sheet is provided in accordance with the requirements of EU Regulation 1272/2008 (CLP). The product should not be used for purposes other than those identified without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. This information contained in the safety data sheet is based on present knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular application.