

Safety Data Sheet

Bostik Foam Gun Cleaner

Replaces date: 20/05/2015

Revision date: 25/07/2017

SECTION 1: Identification of the substance/preparation and of the company/undertaking

1.1. Product identifier

Trade name: Bostik Foam Gun Cleaner

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

Recommended uses: Cleaning liquid. For cleaning of Bostik Foam Gun and removing of uncured foam.

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Bostik AB
Address: Strandbadsvägen 22
Zip code: 251 09
City: Helsingborg
Country: SWEDEN
E-mail: info.se@bostik.com
Phone: +46 42 19 50 00
Homepage: www.bostik.com
Contact person: Name: - Environment dep., Phone: +46 42 19 50 00

1.4. Emergency Telephone Number

+46 8 331231 (Swedish Poisons Informations Centre) CALL 020-99 60 00 (Kemiakuten) ((Kemiakuten, open 24 hours 7 days a week))

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: Aerosol 1;H222 Aerosol 1;H229 Eye Irrit. 2;H319 STOT SE 3;H336

Most serious harmful effects: Extremely flammable aerosol. Pressurised container: May burst if heated. Causes serious eye irritation. May cause drowsiness or dizziness.

2.2. Label elements

Pictograms



Signal word: Danger

Contains

Safety Data Sheet

Bostik Foam Gun Cleaner

Replaces date: 20/05/2015

Revision date: 25/07/2017

Substance: acetone, propan-2-one, propanone; Dimethyl ether; isobutane; propane

H-phrases

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

P-phrases

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P405 Store locked up.
P308+313 IF exposed or concerned: Get medical advice/attention.
P410/412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents / container residues submitted to: licensed waste disposal site.

Supplemental information

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

Solvent vapours may form explosive mixtures with air.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS number	EC No	REACH Reg. No.	Concentration	Notes	CLP-classification
acetone, propan-2-one, propanone	67-64-1	200-662-2	01-2119471330-49	50 - 75		Flam. Liq. 2;H225 Eye Irrit. 2;H319 STOT SE 3;H336
propane	74-98-6	200-827-9	01-2119486944-21	< 10		Flam. Gas 1;H220 Press. Gas Comp. gas;H280
isobutane	75-28-5	200-857-2	01-2119485395-27	< 25		Flam. Gas 1;H220 Press. Gas Comp. gas;H280
Dimethyl ether	115-10-6	204-065-8	01-2119472128-37	< 25		Flam. Gas 1;H220 Press. Gas Comp. gas;H280

Please see section 16 for the full text of H-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Fresh air and rest. In the event of irritation in the respiratory tract, breathing difficulties, headache, tiredness, nausea or unconsciousness, seek immediate medical attention.

Ingestion: DO NOT induce vomiting if swallowed chemical is dissolved in petroleum based material. Danger of aspiration and development of chemical pneumonia. Contact physician.

Skin contact: Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Do not use white spirit, thinner or other

Safety Data Sheet

Bostik Foam Gun Cleaner

Replaces date: 20/05/2015

Revision date: 25/07/2017

organic solvents. Get medical attention if irritation persists after washing.

Eye contact:

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician. No action shall be taken that involves personal risk or without appropriate training. The surrounding area must be removed. Keep unnecessary and undeclared workers away. Do not touch or walk through chemicals. Use suitable protective equipment. Show this safety data sheet if possible.

Burns:

Flush with water until the pain stops and continue flushing for another 30 minutes.

4.2. Most important symptoms and effects, both acute and delayed

At high concentrations, may irritate the respiratory organs and affect the central nervous system. May cause cracking of the skin and risk of eczema.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms.

Show this Material Safety Data Sheet to the doctor.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: Extinguish with powder, carbon dioxide, foam or fine water mist.

Unsuitable extinguishing media: Do not use a direct water jet that could spread the fire.

5.2. Special hazards arising from the substance or mixture

FUMES MAY FORM EXPLOSIVE MIXTURES WITH AIR. Vapours are heavier than air and may spread near ground to sources of ignition. CAUTION! Aerosol containers may explode.

5.3. Advice for fire-fighters

Wear a self contained breathing apparatus. Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Note the risk of ignition and explosion. Avoid inhalation and contact with skin and eyes. Effective ventilation is a prerequisite. Use suitable protective clothing as protection against splashing and contamination. Keep the emission separate from sources of ignition.

For emergency responders: Note the risk of ignition and explosion. Always keep away from sources of ignition.

6.2. Environmental precautions

Prevent discharges into the sewage system, watercourses or ground. Avoid direct contact. In the event of major emissions, contact the relevant authorities.

6.3. Methods and material for containment and cleaning up

Soak up with sawdust, sand or other inert absorption material. Collect in suitable sealed containers for further processing. Eliminate all sources of ignition.

6.4. Reference to other sections

Safety Data Sheet

Bostik Foam Gun Cleaner

Replaces date: 20/05/2015

Revision date: 25/07/2017

See Section 8 for personal protective equipment and section 13 for waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Workplace and work methods are designed to prevent direct contact. Observe hygiene limits. Pressurized container: Must not be exposed for temperatures above 50 °C. All work must be carried out under well-ventilated conditions. Wash hands before breaks, before using restroom facilities, and at the end of work. Do not eat, drink or smoke during work. Work under effective process ventilation (e.g. local exhaust ventilation). Take precautionary measures against static discharges. Use spark-free tools and explosion proof equipment. Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Stored in a well ventilated place and separated from sources of combustion. Aerosols can explode when heated to temperatures over 50 °C. Store in accordance with regulations for flammable goods.

7.3. Specific end use(s)

See Product Data Sheet.

Other Information: Classification for storage of flammable goods: Class 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m3	Comments	Remarks
acetone, propan-2-one, propanone	8h	500	1210		
acetone, propan-2-one, propanone	15m	1500	3620		
Dimethyl ether	8h	400	766		
Dimethyl ether	15m	500	958		

Measuring methods: Compliance with the stated exposure limits values must be checked regularly.

8.2. Exposure controls

Exposure controls: Technical measures: Ensure good general ventilation standards. use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below limits. Personal Precautions: Avoid skin contact with the product, wipe up the pollution / spills as soon as they arise. Wear gloves (tested to EN374) if hand contamination, wash away the impurities of the skin immediately. Wear suitable Coveralls protect against skin exposure. Provide basic training for employees to prevent / minimize exposures.

Appropriate engineering controls: Workplace and work methods are designed to prevent direct contact. Observe hygiene limits. Prevent sparks developing as a result of static electricity.

Personal protective equipment, eye/face protection: Use approved safety goggles or face shield.

Personal protective equipment, skin protection: Wear antistatic protective clothing

Personal protective equipment, hand protection: Use chemical resistant gloves as per EN374. suitable hanskmaterial prolonged contact: Viton or Fluorine Rubber. Appropriate glove after brief contact: Nitrile.

Personal protective equipment, Use respirator in the presence of vapours/aerosols.

Safety Data Sheet

Bostik Foam Gun Cleaner

Replaces date: 20/05/2015

Revision date: 25/07/2017

respiratory protection:

Environmental exposure controls:

Prevent discharges into the sewage system, watercourses or ground.

Heating hazards:

Avoid high temperatures and direct sunlight.

Other Information:

Observe normal hygiene such as washing hands before meals, etc. No eating or drinking while working with this material. Information from supplier: Observe local regulations. Information from supplier: Good working hygiene must always be observed when handling product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid.
Colour	Colourless
Odour	Characteristic
Solubility	No data
Explosive properties	-
Oxidising properties	-

Parameter	Value/unit	Remarks
pH (solution for use)	No data	
pH (concentrate)	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	No data	
Flash Point	No data	
Evaporation rate	No data	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Vapour pressure	No data	
Vapour density	No data	
Relative density	No data	
Partition coefficient n-octanol/water	No data	
Auto-ignition temperature	No data	
Decomposition temperature	No data	
Viscosity	No data	
Odour threshold	No data	

9.2 Other information

Parameter	Value/unit	Remarks
Density	0.7 g/cm ³	

Other Information: None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Safety Data Sheet

Bostik Foam Gun Cleaner

Replaces date: 20/05/2015

Revision date: 25/07/2017

None under normal use conditions.

10.2. Chemical stability

Stable under recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

Forms explosive mixtures with air. Risk of explosion if pressure increases.

10.4. Conditions to avoid

Avoid high temperatures and direct sunlight.

10.5. Incompatible materials

Store isolated from oxidizing materials. Avoid contact with strong reducing agents.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Bostik Foam Gun Cleaner

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	ATEmix Oral		> 2000mg/kg			

acetone, propan-2-one, propanone

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50 Oral		5800mg/kg		OECD 401	

Acute toxicity - dermal

Bostik Foam Gun Cleaner

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	ATEmix Dermal		> 2000mg/kg			

acetone, propan-2-one, propanone

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50 Dermal		> 15800mg/kg			

Acute toxicity - inhalation

Bostik Foam Gun Cleaner

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
	ATEmix Inhalation	4h	> 20mg/l			

acetone, propan-2-one, propanone

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50 Inhalation	4h	76mg/l			

Safety Data Sheet

Bostik Foam Gun Cleaner

Replaces date: 20/05/2015

Revision date: 25/07/2017

propane

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LC50 Inhalation	15 min	> 1443mg/l			

Skin corrosion/irritation: Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation: Causes serious eye irritation.

Respiratory sensitisation or skin sensitisation: Based on existing data, the classification criteria are deemed not to have been met.

Germ cell mutagenicity: Based on existing data, the classification criteria are deemed not to have been met.

Carcinogenic properties: Based on existing data, the classification criteria are deemed not to have been met.

Reproductive toxicity: Based on existing data, the classification criteria are deemed not to have been met.

Single STOT exposure: Vapours may cause drowsiness and dizziness.

Repeated STOT exposure: Based on existing data, the classification criteria are deemed not to have been met.

Aspiration hazard: Based on existing data, the classification criteria are deemed not to have been met.

Other toxicological effects: None known.

SECTION 12: Ecological information

12.1. Toxicity

acetone, propan-2-one, propanone

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
	Daphnia pulex	48h	LC50	8800mg/l			
	Oncorhynchus mykiss	96h	LC50	5540mg/l			
Algae		96h	96hNOEC	430mg/l			

12.2. Persistence and degradability

Test data are not available.

12.3. Bioaccumulative potential

Accumulation in organisms is not expected.

12.4. Mobility in soil

Escaping substance can penetrate into the ground and cause soil and groundwater contamination.

12.5. Results of PBT and vPvB assessment

The components in this product do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

Safety Data Sheet

Bostik Foam Gun Cleaner

Replaces date: 20/05/2015

Revision date: 25/07/2017

None known.

Other Information

Prevent discharges into the sewage system, watercourses or ground.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Shall be treated as chemical waste. The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Category of waste: 16 05 04* gases in pressure containers (including halons) containing hazardous substances

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN-No.:	1950	14.4. Packing group:	
14.2. UN proper shipping name:		14.5. Environmental hazards:	
14.3. Transport hazard class(es):	5F		
Hazard label(s):	2,1		
Hazard identification number:		Tunnel restriction code:	2(D)

Inland water ways transport (ADN)

14.1. UN-No.:	1950	14.4. Packing group:	
14.2. UN proper shipping name:	Aerosol, flammable	14.5. Environmental hazards:	
14.3. Transport hazard class(es):	2 SF aerosol		
Hazard label(s):			
Transport in tank vessels:			

Sea transport (IMDG)

14.1. UN-No.:	1950	14.4. Packing group:	
14.2. UN proper shipping name:	Aerosol, flammable	14.5. Environmental hazards:	No
14.3. Transport hazard class(es):	2,1	Environmental Hazardous Substance Name(s):	
Hazard label(s):			
EmS:	F-D, S-U	IMDG Code segregation group:	

Air transport (ICAO-TI / IATA-DGR)

14.1. UN-No.:	1950	14.4. Packing group:	
14.2. UN proper shipping name:	Aerosol, flammable	14.5. Environmental hazards:	
14.3. Transport hazard class(es):	2,1		
Hazard label(s):			

Safety Data Sheet

Bostik Foam Gun Cleaner

Replaces date: 20/05/2015

Revision date: 25/07/2017

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

SECTION 15: Regulatory information

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

Special Provisions: People under the age of 18 must not be exposed this product. Council directive 94/33/EC. EH40/2005 Workplace exposure limits incl. supplement from October 2007. Safety, health and environmental regulations / legislation specific for the substance or mixture. EU Regulation (EC) No 1907/2006 (REACH).

15.2. Chemical Safety Assessment

Other Information: For this product, no Chemical Safety Assessment in accordance with Directive (EC) 1907/2006 (REACH) has been carried out.

SECTION 16: Other information

Vendor notes: Version 4.
The information in this SDS is based on our current knowledge and on current EU and national laws. The product should not be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the user who has full responsibility to comply with the requirements of current legislation. The information in this SDS is meant as a description of safety requirements for the product and not a guarantee of product properties.

Date: 25/07/2017

List of relevant H-statements

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure, may explode if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Document language: GB