

Bauder PU Fleece-Backed Membrane Adhesive (pink) - canister

safety data sheet

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

Revision date: 19.09.2025

Supersedes : 21.08.2025

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name : Bauder PU Fleece-Backed Membrane Adhesive-Canister

Product code : GB12103110

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

Use of the Substance/Mixture : Adhesive

Recommended restrictions on use : For industrial use only.
For professional users only.

1.3 Details of the supplier of the safety data sheet

Supplier Bauder Ltd
70 Landseer Road
Ipswich
Suffolk
IP3 0DH
Tel: +44 (0) 1473 257671
Email: info@bauder.co.uk

1.4 Emergency telephone number

NPIS (National Poisons Information Service): 0344 892 0111 (for medical professionals only).

For medical advice, members of the public should contact NHS 111

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Flammable gases, Category 1A	H220: Extremely flammable gas.
Gases under pressure, Liquefied gas	H280: Contains gas under pressure; may explode if heated.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Respiratory sensitisation, Category 1	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Carcinogenicity, Category 2	H351: Suspected of causing cancer.
Reproductive toxicity, Category 1B	H360FD: May damage fertility. May damage the unborn child.
Specific target organ toxicity - single exposure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Long-term (chronic) aquatic hazard, Category 3	H412: Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Hazard pictograms	:	   
Signal Word	:	Danger

Hazard Statements : H220 Extremely flammable gas.
H280 Contains gas under pressure; may explode if heated.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.
H360FD May damage fertility. May damage the unborn child.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements : **Prevention:**
P201 Obtain special instructions before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing gas.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection.

Response:

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.
P377 Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
P381 In case of leakage, eliminate all ignition sources.

Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P410 + P403 Protect from sunlight. Store in a well-ventilated place.

Hazardous components which must be listed on the label:

dichloromethane
methylenediphenyl diisocyanate
dibutyltin dilaurate

Additional Labeling

EUH204 Contains isocyanates. May produce an allergic reaction.

"As from 24 August 2023 adequate training is required before industrial or professional use."

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Dichloromethane can cause narcosis. Never use dichloromethane in poorly ventilated areas as it can produce large amounts of vapour (even at room temperature) that can cause serious and immediate health effects including loss of consciousness and death.

Dichloromethane vapours are heavier than air and may collect in containers or low-lying areas. Dichloromethane emits toxic and corrosive fumes of phosgene, carbon monoxide and hydrogen chloride when heated to decomposition or

involved in combustion.

Due to the risk of explosion do not weld, cut or burn drums or other vessels which contain or have contained DCM'.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

No information available

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
dichloromethane	75-09-2 200-838-9 602-004-00-3 01-2119480404-41-0000	Skin Irrit. 2; H315 Eye Irrit. 2; H319 Carc. 2; H351 STOT SE 3; H336 (Central nervous system)	>= 20 - < 30
methylenediphenyl diisocyanate	26447-40-5 247-714-0 615-005-00-9 01-2120770510-62-0000	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Sens. 1; H317 Carc. 2; H351 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373	>= 1 - < 5
dibutyltin dilaurate	77-58-7 201-039-8 050-030-00-3 01-2119496068-27-0000	Muta. 2; H341 STOT SE 1; H370 Aquatic Acute 1; H400 Skin Sens. 1; H317 Skin Corr. 1C; H314 Repr. 1B; H360FD STOT RE 1; H372 (Immune system) Aquatic Chronic 1; H410 Eye Dam. 1; H318	>= 0,3 - < 1
Substances with a workplace exposure limit :			
dimethyl ether	115-10-6 204-065-8 603-019-00-8 01-2119472128-37-0000	Flam. Gas 1; H220 Press. Gas Compr. Gas; H280	>= 20 - < 30

For explanation of abbreviations see section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

- General advice : If on clothes, remove clothes.
Show this safety data sheet to the doctor in attendance. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention. If breathing has stopped, apply artificial respiration.
In case of unconsciousness bring patient into stable side position for transport.
- In case of skin contact : Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Call a physician if irritation develops or persists.
- In case of eye contact : Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
- If swallowed : Do NOT induce vomiting.
If accidentally swallowed obtain immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Risks : High concentrations of dichloromethane cause anaesthetic effects, central nervous system depression, intoxication, un- consciousness and death.

Causes skin irritation.
May cause an allergic skin reaction. Causes serious eye irritation.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause drowsiness or dizziness. Suspected of causing cancer.
May damage fertility. May damage the unborn child.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : No further relevant information available.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Water mist
Dry powder
Carbon dioxide (CO₂)
Alcohol-resistant foam

Unsuitable extinguishing media : Do NOT use water jet.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : May release toxic, irritating and/or corrosive gases.
In case of fire, the following substance(s) may occur:
Carbon monoxide
Hydrogen chloride (HCl)
Phosgene

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.

Further information : In the event of fire, wear self-contained breathing apparatus.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Remove all sources of ignition.
Use personal protective equipment.
Use breathing protection against the effects of fumes/dust/aerosol.
Evacuate personnel to safe areas.
Ensure adequate ventilation.

6.2 Environmental precautions

Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.
Prevent the material from reaching sewage system, holes and cellars.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Non-sparking tools should be used.
Ensure adequate ventilation.
Send for recovery or disposal in suitable containers.
Dispose of contaminated material as waste according to section 13.

6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8. For disposal considerations see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

- Local/Total ventilation : Use only with adequate ventilation.
- Advice on safe handling : Avoid formation of dust and aerosols.
Take note of emission threshold.
Use solvent-proof equipment.
Ensure that suitable extractors are available on processing machines.
Handle with care.
Keep eye wash bottle available on working place.
Avoid release to the environment.
Keep out of reach of children.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
Do not spray on an open flame or other ignition source.
Do not spray on a naked flame or any incandescent material.
Keep away from sources of ignition - No smoking. Keep away from children.
- Use only with adequate ventilation.
- Advice on protection against fire and explosion : Keep product and empty container away from heat and sources of ignition. Do not smoke. Take measures to prevent the build up of electrostatic charge. May form explosive mixtures in air. Highly volatile, flammable constituents are released during processing. In the event of fire and/or explosion do not breathe fumes. Keep breathing equipment ready. Have fire extinguishing equipment ready in case of nearby fire.

7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Keep tightly closed in a dry, cool and well- ventilated place. Protect against light. Solvent vapours are heavier than air and may spread along floors.
- Further information on storage conditions : Keep containers tightly closed in a dry, cool and well- ventilated place. Store in a cool place. Heat will increase pressure and may lead to the container exploding.
- Advice on common storage : Do not store together with oxidizing and self-igniting products.

7.3 Specific end use(s)

- Specific use(s) : No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis	
dimethyl ether	115-10-6	TWA	400 ppm 766 mg/m ³	GB EH40	
		STEL	500 ppm 958 mg/m ³	GB EH40	
		TWA	1.000 ppm 1.920 mg/m ³	2000/39/EC	
Further information: Indicative					
dichloromethane	75-09-2	TWA	100 ppm 353 mg/m ³	GB EH40	
		Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		STEL	200 ppm 706 mg/m ³	GB EH40	
Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.					
		TWA	100 ppm 353 mg/m ³	2017/164/EU	
Further information: Identifies the possibility of significant uptake through the skin, Indicative					
		STEL	200 ppm 706 mg/m ³	2017/164/EU	
Further information: Identifies the possibility of significant uptake through the skin, Indicative					
methylenediphenyl diisocyanate	26447-40-5	TWA	0,02 mg/m ³ (NCO)	GB EH40	
		Further information: Capable of causing occupational asthma.			
		STEL	0,07 mg/m ³ (NCO)	GB EH40	
Further information: Capable of causing occupational asthma.					

Derived No Effect Level (DNEL):

Substance name	End Use	Exposure routes	Potential health effects	Value
dimethyl ether	Workers	Inhalation	Systemic, long-term	1894 mg/m ³
	Workers	Eye contact	Local effects	
dichloromethane	Workers	Eye contact	Local effects	
	Workers	Dermal	Systemic, long-term	12 mg/kg
	Workers	Inhalation	Systemic, long-term	176 mg/m ³
	Workers	Inhalation	Systemic, short-term	132,14 mg/m ³
methylenediphenyl diisocyanate	Workers	Dermal	Acute systemic effects	50 mg/kg

	Workers	Inhalation	Acute systemic effects	0,1 mg/m ³
	Workers	Dermal	Local effects	28,7 mg/cm ²
	Workers	Inhalation	Local effects	0,1 mg/m ³
	Workers	Inhalation	Long-term systemic effects	0,05 mg/m ³
	Workers	Inhalation	Local effects	0,05 mg/m ³
dibutyltin dilaurate	Workers	Dermal	Systemic, short-term	2,08 mg/kg
	Workers	Inhalation	Systemic, short-term	0,059 mg/m ³
	Workers	Dermal	Systemic, long-term	0,43 mg/kg
	Workers	Inhalation	Systemic, long-term	0,02 mg/m ³
	Workers	Eye contact	Local effects	

Predicted No Effect Concentration (PNEC):

Substance name	Environmental Compartment	Value
dimethyl ether	Soil	0,045 mg/kg
	Marine sediment	0,069 mg/kg
	Marine water	0,016 mg/l
	Sewage treatment plant	160 mg/l
	Fresh water	0,155 mg/l
dichloromethane	Fresh water sediment	0,681 mg/kg
	Marine water	0,031 mg/l
	Sewage treatment plant	26 mg/l
	Fresh water sediment	0,163 mg/kg
	Marine sediment	0,163 mg/kg
methylenediphenyl diisocyanate	Fresh water	130 µg/l
	Soil	0,173 mg/kg
	Fresh water	> 1 mg/l
	Marine water	> 0,1 mg/l
	Soil	> 1 mg/kg
dibutyltin dilaurate	Sewage treatment plant	> 1 mg/l
	Predator	0,2 mg/kg
	Fresh water	0 mg/l
	Marine water	0 mg/l
	Sewage treatment plant	100 mg/l
	Marine sediment	0,005 mg/kg
	Soil	0,041 mg/kg
	Fresh water sediment	0,05 mg/kg

8.2 Exposure controls

Engineering measures

Please take care on national and local requirements.

Personal protective equipment

Eye protection : Tightly fitting safety goggles or equipment with better protection

Hand protection

Remarks : Nitrile rubber or equipment with better protection Direct contact with the product must be avoided by organisational measures.

The glove material has to be impermeable and resistant to the product/the substance/the preparation.
 The exact break through time can be obtained from the protective glove producer and this has to be observed.
 The gloves need to be disposed after the penetration time and replaced by new ones.
 Apply skin protectant before working with gloves to avoid skin swellings and use a skin cleansing and skincare product after the work.

For the permanent contact gloves made of the following materials are suitable:

If longer exposure to the chemical preparation is necessary, a sturdy overglove against mechanical strain is recommended in combination with the Barrier 02-100 underglove from Ansell or other suppliers (penetration time: 480 min).

For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Butyl rubber (minimum thickness: 0.7 mm; penetration time: 15 min)

As protection from splashes gloves made of the following materials are suitable:

Nitril (minimum thickness 0.12 mm), Disposable gloves with long cuffs
 After contact with the chemical preparation, take the disposable nitrile glove off immediately and put on a new disposable nitrile glove.

Skin and body protection	:	Protective clothing
Respiratory protection	:	Use respiratory protection unless adequate risk management measures (exhaust/ ventilation) are provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Ensure that suitable extractors are available on processing machines.
Filter type	:	Self-contained breathing apparatus
Protective measures	:	Keep away from food, drink and animal feed. Instantly remove any soiled and impregnated garments. Wash hands before breaks and immediately after handling the product. Avoid contact with the eyes and skin. Store protective clothing separately.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information of basic physical and chemical properties

Appearance	:	compressed liquefied gas
Colour	:	red
Odour	:	characteristic
Odour Threshold	:	is not determined
pH	:	is not determined

Melting point/freezing point	: is not determined
Flash point	: -41 °C
Evaporation rate	: is not determined
Upper explosion limit / Upper flammability limit	: 27 %(V)
Lower explosion limit / Lower flammability limit	: 3 %(V)
Relative vapor density	is not determined
Density	1,10 g/cm ³ (20 °C)
Solubility(ies) Water solubility	: not miscible or difficult to mix
Partition coefficient: n- octanol/water	: no data available
Autoignition temperature	: is not determined
Decomposition temperature	: Not applicable
Explosive properties	: Product is not explosive. However, formation of explosive vapour/air mixtures is possible.

9.2 Other information

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

No decomposition if used according to the specifications.

10.3 Possibility of hazardous reactions

Hazardous reactions	: Develops readily flammable vapours/fumes. Hazardous decomposition products formed under fire conditions.
---------------------	---

10.4 Conditions to avoid

Conditions to avoid : Heat may lead to dangerous pressure build-up in sealed container.

10.5 Incompatible materials

Materials to avoid : Reacts violently with metals such as aluminium powder, magnesium powder, strong bases (alkalis) and strong oxidants, causing a fire and explosion hazard. (Attacks some form of plastic and rubber coatings.)

10.6 Hazardous decomposition products

Hydrogen chloride gas
Phosgene
Carbon monoxide

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information of toxicological effects

Acute toxicity

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

Product:

Acute inhalation toxicity : Acute toxicity estimate: > 20000 ppm
Exposure time: 4 Hours
Test atmosphere: gas
Method: Calculation method

Components:

dichloromethane:

Acute oral toxicity : LD50 Oral (Rat): > 2.000 mg/kg

methylenediphenyl diisocyanate:

Acute inhalation toxicity : Acute toxicity estimate: 1,5 mg/l
Test atmosphere: dust/mist
Method: Calculation method

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Germ cell mutagenicity

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

Carcinogenicity

Suspected of causing cancer.

Reproductive toxicity

May damage fertility. May damage the unborn child.

STOT - single exposure

May cause drowsiness or dizziness.

STOT - repeated exposure

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

Aspiration toxicity

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

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Components:

dichloromethane:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 140,8 - 277,8 mg/l
Exposure time: 96 Hours
Test Type: flow-through test

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

Components:

dichloromethane:

Partition coefficient: n-octanol/water : log Pow: 1,25

methylenediphenyl diisocyanate:

Partition coefficient: n-octanol/water : log Pow: 4,5

dibutyltin dilaurate:

Partition coefficient: n-octanol/water : log Pow: 3,12

dimethyl ether:

Partition coefficient: n-octanol/water : log Pow: 0,10

12.4 Mobility in soil

Product:

Mobility : Medium: Soil
Remarks: Do not allow product to reach ground water, water bodies or sewage system.

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

No information available

12.7 Other adverse effects

Product:

Endocrine disrupting potential : This substance/mixture does not contain components considered to have endocrine disrupting properties for environment according to UK REACH Article 57(f) at levels of 0.1% or higher.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product : Do not dispose of with domestic refuse.
Do not dispose of waste into sewer.
Hand over to disposers of hazardous waste.
The generation of waste should be avoided or minimized wherever possible.
Incinerate under controlled conditions in accordance with all local and national laws and regulations.
Disposal must be made according to official regulations.

Contaminated packaging : Disposal must be made according to official regulations.

SECTION 14: TRANSPORT INFORMATION

UNITED KINGDOM Bauder Ltd 70 Landseer Road, Ipswich, Suffolk IP3 0DH

T: +44 (0)1473 257671 - E: technical@bauder.co.uk

www.bauder.co.uk

Bauder reserves the right to amend information and product specifications without prior notice. All reasonable care has been taken to ensure that all data is current at the time of print, however because Bauder pursues a policy of constant development we recommend ensuring that your copy of this information is current by contacting our Technical Department at technical@bauder.co.uk
Recommendations for use should be verified as to the suitability and compliance with actual requirements, specifications, installation techniques and any applicable laws and regulations.

14.1 UN number

ADN	: UN 3501
ADR	: UN 3501
RID	: UN 3501
IMDG	: UN 3501
IATA (Cargo)	: UN 3501
IATA (Passenger)	: UN 3501
	Not permitted for transport

14.2 UN proper shipping name

ADN	: CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (DIMETHYL ETHER)
ADR	: CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (DIMETHYL ETHER)
RID	: CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (DIMETHYL ETHER)
IMDG	: CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. (DIMETHYL ETHER)
IATA (Cargo)	: Chemical under pressure, flammable, n.o.s. (Dimethyl ether)
IATA (Passenger)	: CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S. Not permitted for transport

14.3 Transport hazard class(es)

ADN	: 2
ADR	: 2
RID	: 2
IMDG	: 2.1
IATA (Cargo)	: 2.1
IATA (Passenger)	: Not permitted for transport

14.4 Packing group

ADN	
Packing group	: Not assigned by regulation
Classification Code	: 8F
Hazard Identification Number	: 23
Labels	: 2.1
ADR	
Packing group	: Not assigned by regulation
Classification Code	: 8F
Hazard Identification Number	: 23
Labels	: 2.1
Tunnel restriction code	: (B/D)
RID	

Packing group : Not assigned by regulation
Classification Code : 8F
Hazard Identification Number : 23
Labels : 2.1

IMDG

Packing group : Not assigned by regulation
Labels : 2.1
EmS Code : F-D, S-U

IATA (Cargo)

Packing instruction (cargo aircraft) : 218
Packing group : Not assigned by regulation
Labels : Flammable Gas

IATA (Passenger) : Not permitted for transport

14.5 Environmental hazards

ADN

Environmentally hazardous : no

ADR

Environmentally hazardous : no

RID

Environmentally hazardous : no

IMDG

Marine pollutant : no

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

SECTION 15: REGULATORY INFORMATION

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

Relevant EU provisions transposed through retained EU law

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered: Number on list 74 methylenediphenyl diisocyanate (Number on list 74) methylenediphenyl diisocyanate (Number on list 74)

REACH - Candidate List of Substances of Very High Concern for Authorisation (SVHC, Article 59)	: Not applicable
Regulation (EU) No 2024/590 on substances that deplete the ozone layer	: Compliant
Regulation (EU) 2019/1021 on persistent organic pollutants (recast)	: Compliant
Council Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors	: Neither banned nor restricted
Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment, Annex II	: Compliant
Council Regulation (EC) No 273/2004 on drug precursors	: Compliant
Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals	: Not applicable
Regulation (EU) 2019/1148 on the marketing and use of explosives precursors	: Not applicable
UK REACH List of substances subject to authorisation (Annex XIV)	: Compliant

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

P2 18	: FLAMMABLE GASES Liquefied flammable gases (including LPG) and natural gas
Volatile organic compounds	Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 49,48 %

The components of this product are reported in the following inventories:

REACH : On the inventory, or in compliance with the inventory

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture.

SECTION 16: OTHER INFORMATION

Full text of H-Statements

H220	: Extremely flammable gas.
H280	: Contains gas under pressure; may explode if heated.
H314	: Causes severe skin burns and eye damage.
H315	: Causes skin irritation.
H317	: May cause an allergic skin reaction.
H318	: Causes serious eye damage.
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.
H336	: May cause drowsiness or dizziness.
H341	: Suspected of causing genetic defects.
H351	: Suspected of causing cancer.
H360FD	: May damage fertility. May damage the unborn child.
H370	: Causes damage to organs.
H372	: Causes damage to organs through prolonged or repeated exposure.
H373	: May cause damage to organs through prolonged or repeated exposure.
H400	: Very toxic to aquatic life.
H410	: Very toxic to aquatic life with long lasting effects.

Full text of other abbreviations

Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Carc.	: Carcinogenicity
Eye Dam.	: Serious eye damage
Eye Irrit.	: Eye irritation
Flam. Gas	: Flammable gases
Muta.	: Germ cell mutagenicity
Press. Gas	: Gases under pressure
Repr.	: Reproductive toxicity
Resp. Sens.	: Respiratory sensitisation
Skin Corr.	: Skin corrosion
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitisation
STOT RE	: Specific target organ toxicity - repeated exposure
STOT SE	: Specific target organ toxicity - single exposure
2000/39/EC	: Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
2017/164/EU	: Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values
GB EH40	: UK. EH40 WEL - Workplace Exposure Limits
2000/39/EC / TWA	: Limit Value - eight hours
2017/164/EU / STEL	: Short term exposure limit
2017/164/EU / TWA	: Limit Value - eight hours
GB EH40 / TWA	: Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL	: Short-term exposure limit (15-minute reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardization; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL Industrial Safety and Health Law (Japan); ISO - International Organization for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information : This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

Modified data compared to the previous version

The following sections have been updated:

- Section 1
- Section 2
- Section 5
- Section 4
- Section 8
- Section 9
- Section 10
- Section 11
- Section 14
- Section 15
- Section 16

Contact Point : Prepared by: Global Regulatory Department
EU-MSDS@hbfuller.com

Classification of the mixture:

Flam. Gas 1A H220
Press. Gas Liquefied H280

Classification procedure:

Based on product data or assessment
Based on product data or assessment

gas		
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Resp. Sens. 1	H334	Calculation method
Skin Sens. 1	H317	Calculation method
Carc. 2	H351	Calculation method
Repr. 1B	H360FD	Calculation method
STOT SE 3	H336	Calculation method
Aquatic Chronic 3	H412	Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

GB / EN

Bauder reserves the right to amend information and product specifications without prior notice. All reasonable care has been taken to ensure that all data is current at the time of print, however because Bauder pursues a policy of constant development we recommend ensuring that your copy of this information is current by contacting our Technical Department at technical@bauder.co.uk
Recommendations for use should be verified as to the suitability and compliance with actual requirements, specifications, installation techniques and any applicable laws and regulations.