Created: 10 Sep 2025

SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

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

1.1 Product identifier

- Product Name: Flexfoam Gun 644
- Other means of Identification UFI:
- -
- Product Part Number: C08/07/06/066

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

- Use of the substance/mixture: One component, general purpose gun applied polyurethane foam

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Don Construction Products Bulgaria
- Address of Supplier: 152 Prof. Tsvetan Lazarov blvd.
  Techno Park Sofia, fl. 3
  Sofia 1582
  Bulgaria
- Telephone: + 359 2 870 2782
- Fax: + 359 2 870 2761
- Email: Info.bilgaria@dcp-int.com

1.4 Emergency telephone number

- Emergency Telephone: National Poison Information Centre
  Tel.: +359 2 9154 409
  Tel.: +359 2 9154 233

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, STOT RE 2, Resp. Sens. 1, Skin Sens. 1, Flam. Aerosol 1, Carc. 2, Lact., Aquatic Chronic 4

2.2 Label elements

- Signal Word: Danger

Hazard statements

SECTION 2: Hazards identification (....)

H222 - Extremely flammable aerosol.

H229 - Pressurised container: May burst if heated.

H332 - Harmful if inhaled.

H373 - May cause damage to organs through prolonged or repeated exposure.

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317 - May cause an allergic skin reaction.

H335 - May cause respiratory irritation.

H362 - May cause harm to breast-fed children.

H413 - May cause long lasting harmful effects to aquatic life.

EUH204 - Contains isocyanates. May produce an allergic reaction.

Precautionary statements

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P501 - Dispose of contents/container to an authorised waste collection point

P102 - Keep out of reach of children.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P280 - Wear protective gloves/protective clothing/eye protection/face 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.

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

P308+P311 - IF exposed or concerned: Call a doctor.

P102 - Keep out of reach of children.

P362 – Avoid contact during pregnancy and while nursing

Additional information:
This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used. Do not pierce or burn container, even after use
P410+P412 - Protect from sunlight. Do no expose to temperatures exceeding 50°C/ 122°F.

P211 - Do not spray on an open flame or other ignition source.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

May cause allergic reaction in susceptible people

2.3 Other hazards

- Adequate training is required before industrial or professional use
- Contains: Diphenylmethandiisocyanate, isomers and homologues; alkanes, C14-17, chloro

SECTION 3: Composition/information on ingredients (.....)

3.2 Mixtures

Diphenylmethandiisocyanate, isomers and homologues

CAS Number:	9016-87-9
EC Number:	618-498-9
Concentration:	30 - 60%
Categories:	Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, Carc. 2, STOT SE 3, STOT RE 2
Specific Concentration Limits:	Skin Irrit. 2; H315: C ≥ 5 % Eye Irrit. 2; H319: C ≥ 5 % Resp. Sens. 1; H334: C ≥ 0.1 % STOT SE 3; C ≥ 5 %
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS07, GHS08
H Statements:	H315, H317, H319, H332, H334, H335, H351, H373

Isobutane

CAS Number:	75-28-5
EC Number:	200-857-2
Concentration:	< 15%
Categories:	Flam. Gas 1, Press. Gas
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS02
H Statements:	H220, H280

Butane

CAS Number:	106-97-8
EC Number:	203-448-7
Concentration:	< 15%
Categories:	Flam. Gas 1, Press. Gas
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS02
H Statements:	H220, H280

SECTION 3: Composition/information on ingredients (.....)

propane

CAS Number:	74-98-6
EC Number:	200-827-9
Concentration:	< 15%
Categories:	Flam. Gas 1, Press. Gas
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS02
H Statements:	H220, H280

dimethyl ether

CAS Number:	115-10-6
EC Number:	204-065-8
Concentration:	< 10%
Categories:	Flam. Gas 1, Press. Gas
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS02
H Statements:	H220, H280

Alkanes, C14-17, chloro

CAS Number:	85535-85-9
EC Number:	287-477-0
Concentration:	< 30%
Categories:	Aquatic acute 1, Aquatic chronic 1, Lact
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS09
H Statements:	H362, H400, H410

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

Remove patient to fresh air
Apply artificial respiration only if patient is not breathing
Call a POISON CENTRE or doctor if you feel unwell.

Contact with skin

SECTION 4: First aid measures (....)

Remove uncured foam using a piece of cloth and an unagressive solvent, e.g. ethanol.

Wash affected area with plenty of soap and water

Cured foam can be removed mechanically with the use of a brush, soap and plenty of water. Use protective cream after skin surface has been cleaned.

Contact with eyes

If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes

Seek immediate medical attention

Continue flushing with water until medical help arrives

Ingestion

Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting. Seek immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Contact with eyes

No information available

Contact with skin

No information available

Inhalation

No information available

4.3 Indication of any immediate medical attention and special treatment needed

- No information available

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Use foam, carbon dioxide or dry agent for extinction
- Use extinguishing media suitable to the surrounding conditions. Use water spray to cool containers.
- Do not use water jets

5.2 Special hazards arising from the substance or mixture

- May form explosive vapour/air mixtures
- May give off noxious and toxic fumes in a fire

5.3 Advice for firefighters

- Wear self contained breathing apparatus and full protective clothing

SECTION 6: Accidental release measures

SECTION 6: Accidental release measures (....)

6.1 Personal precautions, protective equipment and emergency procedures

- Wear suitable respiratory protection
- Use non-sparking handtools
- Ensure adequate ventilation
- Wear suitable protective clothing
- Keep away from heat and sources of ignition

6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Uncured foam adheres easily, hence it should be removed with caution. Remove instantly using a piece of cloth and solvents , e.g. acetone, alcohol. Remove cured foam mechanically.
- Dispose of this material as hazardous waste.
- Ensure adequate ventilation

6.4 Reference to other sections

- See Section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Ensure adequate ventilation
- Adopt best Manual Handling considerations when handling, carrying and dispensing.
- Do not pierce or burn container, even after use
- Do not mix with any other products
- Take action to prevent static discharges.
- 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 a naked flame or any incandescent material. Flammable. Do not breathe spray. Use only in well ventilated areas
- Keep away from sources of ignition - No Smoking

7.2 Conditions for safe storage, including any incompatibilities

- Store in a well-ventilated place. Keep container tightly closed.
- Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 ° C
- Flammable aerosol.
- Use explosion-proof [electrical/ventilating/lighting/
- Keep in a cool place
- Keep away from acids and alkalis
- Keep away from oxidising substances
- Keep away from reducing agents
- Keep away from food, drink and animal feedingstuffs
- Keep away from plastic

SECTION 7: Handling and storage (....)

- Keep away from rubber
- Keep away from aluminium
- Keep away from metals
- Store between + 5° C and +30°C protect from frost and direct sunlight.
- Keep out of reach of children.
- Keep locked up

7.3 Specific end use(s)

- No information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- CAS: 9016-87-9 diphenylmethanediisocyanate, isomers and homologues
  WEL: Short-term value: 0.07 mg/m³
  Long-term value: 0.02 mg/m³
  Sen; as -NCO

- CAS: 115-10-6 dimethyl ether
  WEL: Short-term value: 958 mg/m³, 500 ppm
  Long-term value: 766 mg/m³, 400 ppm

DNELs

- CAS: 9016-87-9 diphenylmethanediisocyanate, isomers and homologues
  Oral, DNEL: 20 mg/kg/day (General population, consumers)
  Dermal, DNEL: 0.05 mg/kg/day (General population, consumers)
  Inhalative, DNEL: 0.05 mg/m3 (General population, consumers)
  0.05 mg/m3 (Workers)

- CAS: 115-10-6 dimethyl ether
  Inhalative, DNEL: 471 mg/m3 (General population, consumers)
  1,894 mg/m3 (Workers)

- CAS: 6425-39-42,2 -dimorpholinodiethylether
  Oral, DNEL: 0.5 mg/kg/day (General population, consumers)
  Dermal, DNEL: 1 mg/kg/day (Workers)
  Inhalative, DNEL: 1.8 mg/m3 (General population, consumers)
  7.28 mg/m3 (Workers)

- CAS: 1244733-77-4 tris(2-chlorisopropyl)-phosphate
  Oral, DNEL: 0.52 mg/kg/Tag (General population, consumers)
  1.04 mg/kg/Tag (Workers)
  Dermal, DNEL: 4 mg/kg/Tag (General population, consumers)
  2.08 mg/kg/Tag (Workers)
  Inhalative, DNEL: 11.2 mg/m3 (General population, consumers)
  5.82 mg/m3 (Workers)

PNECs

- CAS: 9016-87-9diphenylmethanediisocyanate, isomers and homologues

SECTION 8: Exposure controls/personal protection (....)

(freshwater): 1 mg/l
(sea water): 0.1 mg/l
(soil): 1 mg/kg

- CAS: 115-10-6 dimethyl ether
(freshwater): 0.155 mg/l
(sea water): 0.016 mg/l
(freshwater sediments): 0.681 mg/kg
(sea water sediments): 0.069 mg/kg
(soil): 0.045 mg/kg

- CAS: 6425-39-4 2,2-dimorpholinodiethylether
(freshwater): 0.1 mg/l (Aquatic Organisms)
(sea water): 0.01 mg/l (Aquatic Organisms)
(freshwater sediments): 8.2 mg/kg (Aquatic Organisms)
(sea water sediments): 0.82 mg/kg (Aquatic Organisms)
(soil): 1.58 mg/kg (Terrestrial Organism)

- CAS: 1244733-77-4 tris(2-chlorisopropyl)-phosphate
(freshwater sediments): 13.4 mg/kg
(sea water sediments): 1.34 mg/kg
(soil): 1.7 mg/kg

8.2 Exposure controls

- Engineering controls should be provided which maintain airborne concentrations as low as practicable
- In case of insufficient ventilation, wear suitable positive pressure respiratory protection equipment
- Keep away from food, drink and animal feedingstuffs
- Remove contaminated clothing
- Wash hands thoroughly after using this substance
- Avoid contact with skin and eyes
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Wear suitable protective clothing, including eye/face protection and gloves (polythene are recommended)
- Wear goggles giving complete eye protection

SECTION 9: Physical and chemical properties (....)

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Various
- Odour: Characteristic odour
- Melting point/Range: Not available
- Boiling Point/Range: No information available
- Flammability: H222 - Extremely flammable aerosol.
- Lower explosive limit: +/- 1.5 Vol% (in air)
- Upper explosive limit: +/- 11.0 Vol% (in air)
- Flashpoint: 0°C
- Autoignition Temperature: > +350 °C propellant
- Decomposition temperature: NA
- pH: Not applicable
- Kinematic viscosity: NA mm^2/s
- Solubility: Reacts with water
- Vapour Pressure: >500 kPa (in the container)
  < 1*10-5 mmHg w 25°C (MDI)
- Density: ≤ 1.3 (PMDI) g/cm^3 at 20 °C
- Vapour Density: Not available
- Particle characteristics: NA
- Solubility in water: Immiscible with water
- Heating may cause an explosion.

9.2 Other information

9.2.1 Information with Regard to Physical Hazard Classes
No Information Available

9.2.2 Other Safety Characteristics
No Information Available

SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- No information available

10.5 Incompatible materials

- Reacts with water

10.6 Hazardous decomposition products

- No hazardous decomposition products known

SECTION 11: Toxicological information (....)

11.1 Information on toxicological effects

LD/LC50 values relevant for classification:

- CAS: 9016-87-9 diphenylmethanediisocyanate, isomers and homologues
  Oral LD50 >10,000 mg/kg (rat) (OECD401)
  Dermal LD50 >9,400 mg/kg (rabbit) (OECD402)
  Inhalative LC50/4h 1.5 mg/l (ATE)

- CAS: 1244733-77-4tris(2-chloro-1-methylethyl)phosphate
  Oral LD50 632 mg/kg (rat)
  Dermal LD50 >2,000 mg/kg (rat)
  Inhalative LC50 >4.6 mg/l (rat)
- Causes skin irritation.
- Causes serious eye irritation.
- May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- May cause an allergic skin reaction.
- Suspected of causing cancer.
- May cause respiratory irritation.
- May cause damage to organs through prolonged or repeated exposure.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties
No Informaiotion Availble

11.2.2 Information on other hazards
No Information Available

SECTION 12: Ecological information

12.1 Toxicity

- No information available
- CAS: 9016-87-9 diphenylmethanediisocyanate, isomers and homologues

EC50: 1,640 mg/l (algae)
>1,000 mg/l (daphnia) (OECD202)
>100 mg/l (Sedimentation) (OECD209)
LC50: >1,000 mg/l (fish) (OECD)

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- immiscible with water

12.5 Results of PBT and vPvB assessment

- CAS: 85535-85-9 alkanes, C14-17, chloro

12.6 Endocrine disrupting properties

SECTION 12: Ecological information (....)

- No information available

12.7 Other adverse effects

- No information available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Avoid release to the environment. Refer to special instructions/Safety data sheets
- Do not empty into drains - dispose of this material and container in a safe way
- Dispose of contents/container to an authorised waste collection point

SECTION 14: Transport information

14.1 Air (ICAO/IATA)

- ICAO UN No.: 1950
- Proper Shipping Name: AEROSOLS
- ICAO Hazard Class: 2.1 Gases
- ICAO Packing Group: 2.1

14.2 Road/Rail (ADR/RID)

- ADR UN No.: 1950
- Proper Shipping Name: AEROSOLS
- ADR Hazard Class: 2 5F Gases

14.3 Sea (IMDG)

- IMDG UN No.: 1950
- Proper Shipping Name: AEROSOLS
- IMDG Hazard Class: 2.1 Gases
- IMDG Packing Group.: 2.1

14.4 Environmental hazards

- No information available

14.5 Special precautions for user

- No information available
- Contains: Diphenylmethandiisocyanate, isomers and homologues

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

- No information available

SECTION 14: Transport information (....)

14.7 Maritime transport in bulk according to IMO instruments

- No information available

SECTION 15: Regulatory information

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

- This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878
- Substances of very high concern (SVHC) according to REACH, Article 57

  CAS: 85535-85-9 alkanes, C14-17, chloro

15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed

SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H220: Extremely flammable gas. H280: Contains gas under pressure; may explode if heated. H302: Harmful if swallowed. 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. H412: Harmful to aquatic life with long lasting effects.

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.

--- end of safety datasheet ---

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