
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Cromar Gun Grade Foam

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

- Use of the substance/mixture: Filling of gaps in interior applications and cavities. For filling and insulation around window frames and doors

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Cromar Building Products Limited
- Address of Supplier: Units 3, 4, 5 Northside Industrial Park, Whitley Bridge, North Yorkshire DN14 0GH
- Telephone: 01977 663133
- Fax: 01977 662186
- Email: sales@cromar.uk.com

1.4 Emergency telephone number

- Emergency Telephone: 01977 663133 (Office Hours)
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SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- CHIP: Xn; Harmful, R20-40-48/20, Xn; Sensitising
R42/43: Xi; Irritant
R36/37/38: F+; Extremely flammable
R12: R53-64:
- CLP: Flam. Aerosol 1 H222-H229; Resp. Sens. 1 H334; Carc. 2 H351; STOT RE 2 H373; Acute Tox. 4 H332; Skin Irrit. 2 H315; Eye Irrit. 2 H319; Skin Sens. 1 H317; STOT SE 3 H335; Lact. H362; Aquatic Chronic 4 H413.

2.2 Label elements



- Signal Word: Danger
 - Hazard phrases
H222 - Extremely flammable aerosol.
H229 - Pressurised container: may burst if heated.
H332 - Harmful if inhaled.
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.
H351 - Suspected of causing cancer.
H362 - May cause harm to breast-fed children.
H335 - May cause respiratory irritation.
H373 - May cause damage to organs through repeated or prolonged exposure
H413 - May cause long lasting harmful effects to aquatic life.
 - Precautionary Phrases
P101 - If medical advice is needed, have product container or label at hand.
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SECTION 2 Hazards identification (....)

P102 - Keep out of reach of children.
P103 - Read label before use.
P210 - Keep away from heat/sparks/open flames/hot surfaces. – 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.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P263 - Avoid contact during pregnancy/while nursing.
P271 - Use only outdoors or in a well-ventilated area.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405 - Store locked up.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
P501 - Dispose of contents/container to in accordance with local/regional/national/international regulations.

2.3 Other hazards

Additional information:

Contains isocyanates. May produce an allergic reaction.

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. Keep away from sources of ignition - No smoking.

Buildup of explosive mixtures possible without sufficient ventilation.

Keep out of the reach of children

SECTION 3 Composition/information on ingredients**3.1 Substances****3.2 Mixtures**

- diphenylmethanediisocyanate, isomers and homologues
CAS Number: 9016-87-9
EC Number:
Concentration: 25-50%
R/H Phrases: Resp. Sens. 1, H334; Carc. 2, H351; STOT RE 2, H373; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335. Xn R20; Xn R42/43; Xi R36/37/38
- alkanes, C14-17, chloro; chlorinated paraffins, C14-17
CAS Number: 85535-85-9
EC Number: 287-477-0
Concentration: 5-20%
R/H Phrases: Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Lact., H362. N R50/53 R64-66
- isobutane
CAS Number: 75-28-5
EC Number: 200-857-2

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

Concentration: 2.5-10%

R/H Phrases: Flam. Gas 1, H220; Press. Gas, H280. F+ R12

- dimethyl ether

CAS Number: 115-10-6

EC Number: 204-065-8

Concentration: 2.5-10%

R/H Phrases: Flam. Gas 1, H220; Press. Gas, H280. F+ R12

- propane

CAS Number: 74-98-6

EC Number: 200-827-9

Concentration: 2.5-10%

R/H Phrases: Flam. Gas 1, H220; Press. Gas, H280. F+ R12

- carbon dioxide

CAS Number: 124-38-9

EC Number: 204-696-9

Concentration: 2.5-10%

R/H Phrases: Press. Gas, H280

SECTION 4 First aid measures**4.1 Description of first aid measures**

General information:

Personal protection for the First Aider.

Position and transport stably in side position.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- Contact with eyes

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

Irrigate eyes thoroughly whilst lifting eyelids

When in doubt or symptoms persist, seek medical attention

- Contact with skin

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water.

If irritation persists, obtain medical advice

- Ingestion

Rinse mouth with water (do not swallow)

Give plenty of water to drink

- Inhalation

If person is not breathing, call an emergency responder or ambulance and then give artificial respiration.

Remove from exposure site to fresh air and keep at rest.

When in doubt or symptoms persist, seek medical attention

4.2 Most important symptoms and effects, both acute and delayed

- May cause coughing

- May cause dizziness

- May cause breathing difficulty

SECTION 4 First aid measures (....)

- May cause allergic reaction in susceptible people
 - May cause headache
- 4.3 Indication of any immediate medical attention and special treatment needed
- Treat symptomatically
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SECTION 5 Fire-fighting measures

- 5.1 Extinguishing media
- Extinguish with foam, carbon dioxide or dry agent. Never use water jet.
- 5.2 Special hazards arising from the substance or mixture
- Decomposition products may include nitrogen and carbon oxides
 - Decomposition products may include hydrogen chloride
 - Decomposition products may include hydrogen cyanide
- 5.3 Advice for firefighters
- Substance evolves toxic fumes, wear self-contained breathing apparatus
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SECTION 6 Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
- Ventilate area
 - Shut off all ignition sources
 - Wear protective clothing as per section 8
 - Keep people and animals away
- 6.2 Environmental Precautions
- Do not allow to enter public sewers and watercourses
 - If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities
- 6.3 Methods and material for containment and cleaning up
- Absorb spillage in inert material and shovel up
 - Remove contaminated material to safe location for subsequent disposal
- 6.4 Reference to other sections
- See Section 8
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SECTION 7 Handling and storage

- 7.1 Precautions for safe handling
- Ensure adequate ventilation
- 7.2 Conditions for safe storage, including any incompatibilities
- Keep in a cool, dry, well ventilated place
 - Keep away from heat and sources of ignition
 - Keep away from direct sunlight.
- 7.3 Specific end use(s)
- See Section 1.2
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SECTION 8 Exposure controls/personal protection

- 8.1 Control parameters
- diphenylmethanediisocyanate, isomers and homologues
 - WEL (short term) 0.07 mg/m³
 - WEL (long term) 0.02 mg/m³
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SECTION 8 Exposure controls/personal protection (....)

- dimethyl ether
 - WEL (short term) 998 mg/m³
 - WEL (short term) 500 ppm
 - WEL (long term) 766 mg/m³
 - WEL (long term) 400 ppm
- carbon dioxide
 - WEL (short term) 27400 mg/m³
 - WEL (short term) 15000 ppm
 - WEL (long term) 9150 mg/m³
 - WEL (long term) 5000 ppm

8.2 Exposure controls



- Keep away from foodstuff.
- Wear approved respirator if exposure likely to exceed MEL/OES
- Wear goggles giving complete eye protection
- Wear suitable protective clothing, including eye/face protection and gloves (neoprene are recommended)

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Aerosol expanding foam
- Colour: pale yellow
- Solubility in water: Immiscible with water
- Specific Gravity: N/A
- Density 1.01 g/cm³ at 20 deg C
- Flash point N/A deg C (CC)
- Vapour pressure 5.5 bar at 20 deg C
- Lower Explosive Limit: 3% vol
- Upper Explosive Limit: 16% vol
- Melting point/Range: Undetermined
- Boiling Point/Range: <35 deg C
- VOC: 182 g/l

9.2 Other information

- No further relevant 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 further relevant information available.

10.5 Incompatible materials

SECTION 10 Stability and reactivity (....)

Acids, bases and oxidants. Amines and alcohols. Polyols and water

10.6 Hazardous Decomposition Products

- Decomposition products may include carbon oxides
 - Decomposition products may include nitrogen oxides
 - Decomposition products may include hydrogen chloride
 - Decomposition products may include hydrogen cyanide
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

- Primary irritant effect:
 - on the skin: Irritant to skin and mucous membranes.
 - on the eye: Irritating effect.
- Sensitization:

Sensitization possible through inhalation.

Sensitization possible through skin contact.

- Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification

Guidelines for Preparations as issued in the latest version:

Harmful

Irritant

- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carc. 2, Lact.

SECTION 12 Ecological information

12.1 Toxicity

- No further relevant information available.

12.2 Persistence and degradability

- No further relevant information available.

12.3 Bioaccumulation Potential

- No further relevant information available.

12.4 Mobility in soil

- No further relevant information available.

12.5 Results of PBT and vPvB assessment

- Not identified as PBT or vPvB under current EU criteria

12.6 Other Adverse Effects

- No further relevant information available.
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SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
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SECTION 14 Transport information



SECTION 14 Transport information (....)

14.1 UN Number

- UN No.: 1950

14.2 UN Proper Shipping Name

- Proper Shipping Name: AEROSOLS

14.3 Transport hazard class(es)

- Hazard Class: 2 5F Gases

14.4 Packing group

- Packing Group: Void

14.5 Environmental hazards

14.6 Special precautions for user

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
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SECTION 15 Regulatory information

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

- The CHIP Regulations apply in the UK
- The COSHH Regulations apply in the UK
- The Hazardous Waste (England and Wales) Regulations 2005 apply in the UK
- The Health and Safety at Work Act applies in the UK

15.2 Chemical Safety Assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
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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. 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. H351: Suspected of causing cancer. H362: May cause harm to breast-fed children. 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. R12: Extremely Flammable. R20: Harmful by inhalation. R36/37/38: Irritating to eyes, respiratory system and skin. R42/43: May cause sensitisation by inhalation and skin contact.

16.1 Other information

- This SDS has been prepared in accordance with EU regulation 453/2010/EC
This information is given in good faith, being based on the latest knowledge available to Cromar Building Products Limited. No known relevant information has been omitted from this Safety Data Sheet and the information provided is designated to enable the user to use the product safely. The user should not assume, on the basis of the information provided in this sheet, that the product is suitable for any abnormal use. If the information provided is insufficient to ensure safety in any particular application, contact Cromar Building Products Limited for further advice before the proposed application is undertaken.