



**SAFETY DATA SHEET**  
FILL AND FIX EXPANDING FOAM

Page 1  
Issued: 28/6/10  
Revision No: 6

**1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING**

**Product name:** FILL AND FIX EXPANDING FOAM  
**Product code:** EVFF5/7, EVGF7  
**Company name:** EVERBUILD BUILDING PRODUCTS LTD  
SITE 41, KNOWSTHORPE WAY  
CROSS GREEN INDUSTRIAL ESTATE  
LEEDS  
WEST YORKSHIRE  
LS9OSW  
ENGLAND  
Tel: 0044 113 240 3456  
Fax: 0044 113 240 0024  
Emergency tel: 0044 113 240 3456 (office hours only)  
Email: [pault@everbuild.co.uk](mailto:pault@everbuild.co.uk)

**2. HAZARDS IDENTIFICATION**

**Classification under CHIP:** Highly flammable. Harmful by inhalation and if swallowed. Irritating to eyes, respiratory system and skin. Limited evidence of a carcinogenic effect. May cause sensitisation by inhalation. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Classification under CLP:** Aquatic Chronic 2. Toxic to aquatic life with long lasting effects. Carc. 2. Suspected of causing cancer. Eye Irrit. 2. Causes serious eye irritation. Flam. Aerosol 2. Flammable aerosol. Lact.. May cause harm to breast-fed children. Resp. Sens. 1. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Skin Irrit. 2. Causes skin irritation. Skin Sens. 1. May cause an allergic skin reaction. STOT SE 3. May cause respiratory irritation.

**Workplace exposure limit:** This product does not have a workplace exposure limit.

**PBT:** This substance is not identified as a PBT substance.

**Directive 1999/45/EC:** This mixture meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Hazardous ingredients:** DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES) 30-50%  
• TRI(2-CHLORISOPROPYL)-PHOSPHATE 10-30%  
CAS: 13674-84-5  
[Xn] R22

[cont...]

**SAFETY DATA SHEET**  
FILL AND FIX EXPANDING FOAM

- ALKANES, C14-17, CHLORO 10-30%  
EINECS: 287-477-0 CAS: 85535-85-9  
[-] R64; [-] R66; [N] R50/53  
CLP Class: Lact.: H362; Aquatic Chronic 1: H410; Aquatic Acute 1: H400
- PROPANE (\*WEL) 1-10%  
EINECS: 200-827-9 CAS: 74-98-6  
[F+] R12  
CLP Class: Flam. Gas 1: H220; Press. Gas: H250
- BUTANE (\*WEL) 1-10%  
EINECS: 203-448-7 CAS: 106-97-8  
[F+] R12  
CLP Class: Flam. Gas 1: H220; Press. Gas: H250
- ISOBUTANE (\*WEL) 1-10%
- DIMETHYL ETHER (\*WEL) 1-10%  
EINECS: 204-065-8 CAS: 115-10-6  
[F+] R12  
CLP Class: Flam. Gas 1: H220; Press. Gas: H250

**4. FIRST AID MEASURES**

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor. Remove/soften cured foam from skin with petroleum jelly or via constant softening with hot soapy water
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

**5. FIRE-FIGHTING MEASURES**

- Extinguishing media:** Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.
- Exposure hazards:** Extremely flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.
- Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from

## SAFETY DATA SHEET

### FILL AND FIX EXPANDING FOAM

downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**Clean-up procedures:** Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Do not use equipment in clean-up procedure which may produce sparks. Allow product to solidify and remove it by mechanical means. Remove uncured foam with acetone. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

## 7. HANDLING AND STORAGE

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition. Store in original containers between +5 and +25°C. Storage outside these parameters will dramatically reduce shelf life and invalidates all product warranties.

**Suitable packaging:** Must only be kept in original packaging.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Hazardous ingredients:** DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES)

UK - 8 hour TWA: 0.02 mg/m<sup>3</sup>

UK - 15 min. STEL: 0.07 mg/m<sup>3</sup>

- PROPANE

UK - 8 hour TWA: 1800 mg/m<sup>3</sup>

UK - 15 min. STEL: 7200 mg/m<sup>3</sup>

- BUTANE

UK - 8 hour TWA: 1450 mg/m<sup>3</sup>

UK - 15 min. STEL: 1810 mg/m<sup>3</sup>

- ISOBUTANE

UK - 8 hour TWA: 2400 mg/m<sup>3</sup>

UK - 15 min. STEL: 9600 mg/m<sup>3</sup>

- DIMETHYL ETHER

UK - 8 hour TWA: 766 mg/m<sup>3</sup>

UK - 15 min. STEL: 958 mg/m<sup>3</sup>

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**SAFETY DATA SHEET**  
FILL AND FIX EXPANDING FOAM

**Respiratory protection:** Gas/vapour filter, type A: organic vapours (EN141). must be worn if vapour concentration is above OES or if ventilation is poor Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Impermeable gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Aerosol

**Colour:** Yellow

**Odour:** Barely perceptible odour

**Solubility in water:** Insoluble

**Viscosity:** Highly viscous

**Flammability limits %: lower:** 1.5

**upper:** 11

**Flash point°C:** 0

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions. Stable at room temperature.

**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames.

**Materials to avoid:** Strong oxidising agents. Strong acids.

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of hydrogen cyanide.

**11. TOXICOLOGICAL INFORMATION**

**Acute effects:** Harmful by inhalation and if swallowed. Irritating to eyes, respiratory system and skin. Danger of serious damage to health by prolonged exposure through inhalation.

**Sensitisation:** May cause sensitisation by inhalation.

**Repeated dose toxicity:** Danger of serious damage to health by prolonged exposure through inhalation.

**CMR effects:** Limited evidence of a carcinogenic effect.

**11. TOXICOLOGICAL INFORMATION (SYMPTOMS)**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**12. ECOLOGICAL INFORMATION**

**Mobility:** VOC 20% w/w

**SAFETY DATA SHEET**  
 FILL AND FIX EXPANDING FOAM

**Persistence and degradability:** No data available.  
**Bioaccumulative potential:** No data available.  
**Other adverse effects:** Not dangerous to ozone layer (1999/45/EC) Very toxic to aquatic organisms.  
**PBT identification:** This substance is not identified as a PBT substance.

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** Waste material code (91/689/EEC, Council Decision 2001/118/EC, O.J L47 of 16/2/2002): 08 05 01 (waste isocyanates)  
**Disposal of packaging:** Waste material code packaging (91/689/EEC); Council decision 2001/118/EC, O.J L47 of 16/2/2001) 15 01 10 (packaging containing residues of or contaminated by dangerous substances)  
**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION**

**ADR / RID**

**UN no:** 1950 **ADR Class:** 2  
**Classification code:** 5F  
**Shipping name:** AEROSOLS  
**Labelling:** 2.1+EHS



**IMDG / IMO**

**UN no:** 1950 **Class:** 2  
**EmS:** F-D,S-U **Marine pollutant:** .  
**Labelling:** 2.1+EHS

**IATA / ICAO**

**UN no:** 1950 **Class:** 2  
**Labelling:** 2.1+EHS

**15. REGULATORY INFORMATION (CHIP)**

**Hazard symbols:** Highly flammable.  
 Dangerous for the environment.  
 Harmful.



**SAFETY DATA SHEET**  
FILL AND FIX EXPANDING FOAM

**Risk phrases:** R11: Highly flammable.  
R20/22: Harmful by inhalation and if swallowed.  
R36/37/38: Irritating to eyes, respiratory system and skin.  
R40: Limited evidence of a carcinogenic effect.  
R42: May cause sensitisation by inhalation.  
R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases:** S2: Keep out of the reach of children.  
S29: Do not empty into drains.  
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
S51: Use only in well-ventilated areas.  
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.  
S63: In case of accident by inhalation, remove casualty to fresh air and keep at rest.

**Precautionary phrases:** Contains isocyanates. See information supplied by the manufacturer.  
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. Keep out of the reach of children.  
Person already sensitised to diisocyanates may develop allergic reactions when using this product  
Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.  
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.

**Haz. ingredients (label):** ALKANES, C14-17, CHLORO; DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES)

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**15. REGULATORY INFORMATION (CLP)**

**Hazard statements:** H223: Flammable aerosol.

**SAFETY DATA SHEET**  
FILL AND FIX EXPANDING FOAM

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.  
H335: May cause respiratory irritation.  
H351: Suspected of causing cancer.  
H362: May cause harm to breast-fed children.  
H411: Toxic to aquatic life with long lasting effects.

**Signal words:** Danger

**Hazard pictograms:** GHS02: Flame  
GHS07: Exclamation mark  
GHS08: Health hazard  
GHS09: Environmental



**Precautionary statements:** P202: Do not handle until all safety precautions have been read and understood.  
P211: Do not spray on an open flame or other ignition source.  
P251: Pressurized container: Do not pierce or burn, even after use.  
P261: Avoid breathing spray.  
P264: Wash thoroughly after handling.  
P270: Do not eat, drink or smoke when using this product.  
P271: Use only outdoors or in a well-ventilated area.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P281: Use personal protective equipment as required.  
P285: In case of inadequate ventilation wear respiratory protection.  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P304+341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+313: IF exposed or concerned: Get medical advice.  
P312: Call a POISON CENTER or doctor if you feel unwell.  
P321: Specific treatment (see on this label).  
P332+313: If skin irritation occurs: Get medical advice.  
P337+313: If eye irritation persists: Get medical attention.

## 16. OTHER INFORMATION

**Other information:** This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

\* indicates text in the SDS which has changed since the last revision.

**Risk phrases used in s.3:** R20: Harmful by inhalation.

R36/37/38: Irritating to eyes, respiratory system and skin.

R42: May cause sensitisation by inhalation.

R22: Harmful if swallowed.

R64: May cause harm to breastfed babies.

R66: Repeated exposure may cause skin dryness or cracking.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R12: Extremely flammable.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.