



SAFETY DATA SHEET
FIRE FOAM B1 - HAND HELD AND GUN GRADE

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

Product name: FIRE FOAM B1 - HAND HELD AND GUN GRADE
Product code: EVFIRE
Company name: EVERBUILD BUILDING PRODUCTS LTD
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2. HAZARDS IDENTIFICATION

Classification under CHIP: Extremely flammable. Harmful by inhalation. Irritating to eyes, respiratory system and skin. Limited evidence of a carcinogenic effect. May cause sensitisation by inhalation and skin contact. Danger of serious damage to health by prolonged exposure.

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: DIMETHYL ETHER 1-10%
EINECS: 204-065-8 CAS: 115-10-6
[F+] R12

- DIPHENYLMETHANE-4,4'-DI-ISOCYANATE 10-30%
EINECS: 202-966-0 CAS: 101-68-8
[Xn] R20; [Xi] R36/37/38; [Sens.] R42/43

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

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- 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 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 paramaters will dramatically reduce shelf life and invalidates all product warrenties.
- Suitable packaging:** Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: DIMETHYL ETHER

UK - 8 hour TWA: 766 mg/m³

UK - 15 min. STEL: 958 mg/m³

- DIPHENYLMETHANE-4,4'-DI-ISOCYANATE

UK - 8 hour TWA: 0.02 mg/m³

UK - 15 min. STEL: 0.07 mg/m³

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

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: Pink

Odour: Barely perceptible odour

Solubility in water: Insoluble

Viscosity: Highly viscous

Flash point°C: -4

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. Irritating to eyes, respiratory system and skin.

Sensitisation: May cause sensitisation by inhalation and skin contact.

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

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.

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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
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Other adverse effects: Negligible ecotoxicity. Not dangerous to ozone layer (1999/45/EC)
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



IMDG / IMO

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

IATA / ICAO

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

15. REGULATORY INFORMATION (CHIP)

Hazard symbols: Extremely flammable. ☐



Risk phrases: R12: Extremely flammable. ☐

Safety phrases: S2: Keep out of the reach of children. ☐

Precautionary phrases: Contains isocyanates. See information supplied by the manufacturer. ☐

Haz. ingredients (label): DIPHENYLMETHANE-4,4'-DI-ISOCYANATE

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.

16. OTHER INFORMATION

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

Risk phrases used in s.3: 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.

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.