

SAFETY DATA SHEET

FOAMFIL

ADOMAST

Building Chemicals Limited

1.00 IDENTIFICATION OF COMPOUND FOAMFIL: One component foam in aerosol can.

1.10 IDENTIFICATION OF MANUFACTURER
Adomast Building Chemicals Ltd.
Unit G, Lea Road Trading Estate, Waltham Abbey, Essex EN9 1AE
Telephone: 01992 710 684 Fax: 01992 712 813

2.00 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No	Concentration(%w/w)
Diphenylmethane-4,4'-diisocyanate	101-68-8	< 10%

Hazard Symbol	Risk Phrases
Xn	20: Harmful by inhalation. 36/37/38: Irritating to eyes, respiratory system and skin. 42: May cause sensitisation by inhalation.

Chemical name	CAS No	Concentration(%w/w)
Butane	106-97-8	< 10%

Hazard Symbol	Risk Phrases
F+	12: Extremely flammable.

Chemical name	CAS No	Concentration(%w/w)
Dimethyl ether	115-10-6	< 10%

Hazard Symbol	Risk Phrases
F+	12: Extremely flammable.

3.00 HAZARDS IDENTIFICATION
Extremely flammable. May be harmful by inhalation. Irritating to eyes, respiratory system and skin. May cause sensitisation by inhalation. In use may form flammable/explosive vapour-air mixture.

4.00 FIRST AID MEASURES
Eyes: Flush eyes with copious amounts of water for 10 minutes. Seek medical advice. **Skin:** Remove contaminated clothing. Wash skin with plenty of soap and water. Seek medical advice if any irritation persists. **Inhalation:** If inhalation of high concentrations of vapour should occur, remove victim from exposure. Obtain medical attention if victim feels unwell. **Ingestion:** Do not induce vomiting. Wash out mouth with water, give 200-300 ml of water to drink and seek medical attention immediately.

5.00 FIRE FIGHTING MEASURES
Extinguishing Media: Dry powder, foam or carbon dioxide. **Unsuitable Extinguishing Media:** Water jets. **Special Hazards:** Containers of product exposed to fire may explode. These may be cooled with water spray/fog equipment. Toxic fumes including Hydrogen fluoride and Hydrogen chloride may be released during combustion. **Special protective equipment:** Wear suitable clothing to prevent eye/skin contact occurring. Wear suitable breathing apparatus in high concentrations of vapour or poorly ventilated areas.

6.00 ACCIDENTAL RELEASE MEASURES
Personal Precautions: Wear full protective clothing and goggles. The use of breathing apparatus in confined spaces is recommended. Keep people away from and downwind of spill/leak. **Environmental Precautions:** Do not allow product to enter drains or water courses. Advise local authorities if this is not possible.
Clean Up Methods: Allow to solidify then collect mechanically.

7.00 HANDLING AND STORAGE
Handling: Avoid contact with eyes/skin. Do not breathe vapour. Provide adequate ventilation, including local extraction if necessary. Use appropriate breathing apparatus if this is not possible. Protect from sources of ignition and heat. Do not smoke when working with product. Do not pierce container or throw into fire even after use. **Storage:** Protect containers from extremes of temperature and sources of ignition. Optimum storage temperature is between 18 to 22 °C

8.00 EXPOSURE CONTROLS / PERSONAL PROTECTION
Isocyanates (as -NCO), Maximum exposure limit
Long term exposure limit (LTEL): 0.02mg/m³ 8hr TWA
Short term exposure limit (STEL): 0.07mg/m³ 15 min STEL
Butane, Occupational exposure standard
Long term exposure limit (LTEL): 1450mg/m³ 8hr TWA
Short term exposure limit (STEL): 1810mg/m³ 15 min STEL

Dimethyl ether, Occupational exposure standard
Long term exposure limit (LTEL): 766mg/m³ 8hr TWA
Short term exposure limit (STEL): 958mg/m³ 15 min STEL
Good working practice suggests that suitable protective clothing with impervious gloves and goggles should be worn when handling this product. Wear suitable breathing apparatus in confined or poorly ventilated spaces. No smoking while using this product.

9.00 PHYSICAL AND CHEMICAL PROPERTIES
Form: Liquid **Colour:** Light yellow
Odour: Characteristic **Relative density :** 1.0 - 1.2
Flammability Limits : Lower 1.5% Upper 18.6%
Decomposition temperature : >100 °C **Vapour pressure :** 5.5 - 6 bar
Solubility: water : low **Hydrocarbons :** soluble

10.00 STABILITY AND REACTIVITY
Conditions to avoid: High temperature and sources of ignition **Materials to avoid:** None known **Hazardous decomposition products:** Irritating gases and vapours including Hydrogen fluoride and Hydrogen chloride may be produced upon thermal decomposition of the product.

11.00 TOXICOLOGICAL INFORMATION
Inhalation: Repeated or prolonged inhalation of vapour may cause long term health problems including asthma. When inhaled at high concentrations it may cause respiratory irritation, nausea, vomiting and CNS depression.
Skin contact: Skin contact will result in irritation. **Eye Contact:** Will cause irritation. **Ingestion:** May cause gastro intestinal irritation .

12.00 ECOLOGICAL INFORMATION
Mobility: The product has low mobility in water and low mobility in soil. Butane, Dimethyl ether and the isocyanate have high volatility. **Degradability:** The product is not expected to biodegrade. **Accumulation:** Components in the product should be assumed to have high potential for bioaccumulation. **Ecotoxicity:** May be harmful to aquatic organisms. Spillages may be harmful to wildlife, particularly birds. Advise appropriate authorities of spillage into surface water or water courses.

13.00 DISPOSAL CONSIDERATIONS
Contact waste processors for recycling information.

14.00 TRANSPORT INFORMATION
UN No: 1950 **Proper Shipping Name:** Aerosols, flammable, nos
Class/Packing Group: 2/1 **ADR/RID Item No:** 5^o
ADR/RID Hazard ID No: 20

15.00 REGULATORY INFORMATION
Classification: Harmful **Hazard symbol:** Xn
Risk Phrases:
R12: Extremely flammable.
R36/37/38 Irritating to eyes, respiratory system and skin.
R42 May cause sensitisation by inhalation.
Safety Phrases:
Contains isocyanates. See information supplied by manufacturer.
S23 Do not breathe vapours.
S25 Avoid contact with eyes.
S28 After contact with skin, wash immediately with plenty of soap and water
S36/37 Wear suitable protective clothing and gloves.
S38 In case of insufficient ventilation, wear suitable respiratory equipment.

16.00 OTHER INFORMATION
Every effort has been made to ensure that the information contained in this safety data sheet is reliable but we cannot accept any liability for any loss, injury or damage that may result from use of the product. This information does not constitute assessment of risk as required by health and safety legislation. Data given in this safety data sheet are solely for guidance in safe handling and use of the product by customers; they do not form part of any specification.