



# MegaFoam Safety Data Sheet

(17<sup>th</sup> April 2012)

(version 1)

## Product Identification

<b>Trade Name:</b>	Mega Foam Polyurethane Expanding Foam
<b>Description:</b>	A fast setting, multi-purpose PU foam which bonds, fills, seals and insulates most construction materials.

## Hazardous Ingredients

Component	CAS Number	Classification	Concentration
4,4'-Methylenediphenyl Diisocyanate	101-68-8	Xn, R20, 36,37, 38, 42, 43	5-<25%
Dimethyl Ether	115-10-6	F, R12	1-<20%
Isobutane	75-28-5	F, R12	1-<20
Propane	74-98-6	F, R12	1-<20%

## Hazard Identification

<b>Hazard:</b>	Extremely flammable. Irritating to eyes, respiratory system and skin (R36, 37, 38). May cause sensitisation by inhalation and skin contact (R42, 43).
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## Emergency and First Aid

<b>After Eye Contact:</b>	Irrigate immediately with clean water for 15 minutes and obtain medical attention.
<b>After Skin Contact:</b>	Remove contamination with proprietary skin cleaner, followed by washing with soap and water. This procedure should also be followed prior to eating, drinking, smoking and toilet functions.
<b>After Ingestion:</b>	If swallowed, seek medical advice immediately. Do not induce vomiting. If possible show product information or label to medical advisor.
<b>After Inhalation:</b>	Remove person to fresh air. If discomfort persists seek medical advice.

## Exposure Control/Personal Protection

UK Occupational Exposure Standards – EH40	
4,4'-Methylenediphenyl Diisocyanate	MAK: 0.05mg/m <sup>3</sup> BAT, 2000
Dimethyl Ether	MAK: 1000ppm 2000
Isobutane	MAK: 1000ppm 2000
Propane	MAK: 1000ppm 2000
<b>Respiratory Protection:</b>	Should not be necessary with adequate ventilation. In poorly ventilated areas a cartridge mask approved for organic vapours is recommended (Filter AP2).
<b>Hand Protection:</b>	Wear suitable impervious gloves.
<b>Eye Protection:</b>	Wear chemical resistant goggles if there is a risk of splashing.
<b>Skin Protection:</b>	Wear appropriate light protective clothing.

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## Ecological Information

This product contains organically bound halogen in accordance with the formulation and contains compounds of 76/464/EC.

## Toxicological Information

May cause slight irritation to the respiratory system, skin or eyes.

## Stability and Reactivity

**Stability:** Because of high vapour pressure, containers are liable to burst if temperature rises. Evolution of flammable mixture possible in air when heated above flashpoint and/or during spraying or misting.

**Hazardous Decomposition Products:** No hazardous decomposition products known.

## Fire Fighting Measures

**Extinguishing Media:** Carbon dioxide. Dry powder. Foam. Water spray jet.

**Unsuitable Extinguishing Media:** Full water jet.

**Special Exposure Hazards in Fires:** Risk of formation of toxic pyrolysis products. Hydrogen cyanide (HCN). Nitrogen Oxides (NOx). Hydrogen chloride (HCl).

**Protective Equipment:** Use self-contained breathing apparatus. Do not inhale explosion and/or combustion gases.

**Additional Information:** Cool containers at risk with water spray jet. Fire residues and contaminated firefighting water must be disposed of in accordance with local regulations.

## Waste Disposal

Disposal of material as hazardous waste in accordance with local regulations. Packaging should be similarly disposed of or recycled if uncontaminated.

## Accidental Release Measures

**Precautions:** Ensure adequate ventilation. Keep away from sources of ignition. Clean up spillage mechanically and dispose of material in accordance with the regulations.

## Handling and Storage

**Handling:** Use only in well ventilated areas and avoid spilling or spraying in enclosed areas. Keep away from heat, sparks and open flames – refrain from smoking.

**Storage:** Do not store together with oxidising agents. Keep in a cool place and protect from overheating as increased pressure can cause bursting.

### Transport Information

U.N. No 1950 IMDG – Aerosols, Class: 2

### Physical and Chemical Properties:

<b>Appearance:</b>	Aerosol.
<b>Odour:</b>	Characteristic.
<b>Flashpoint:</b>	Not Applicable.
<b>Flammability Limits:</b>	Not Applicable.
<b>Solubility (water and fat):</b>	Insoluble.
<b>Combustion Properties:</b>	No.
<b>Viscosity:</b>	Not applicable.
<b>Density (g/m):</b>	0.96.

### Regulatory Information

R12:	Extremely flammable.
R36/37/38:	Irritating to eyes, respiratory system and skin.
R42/43:	May cause sensitisation by inhalation and skin contact.
R20:	Harmful by inhalation.
S2:	Keep out of reach of children.
S16:	Keep away from sources of ignition – NO SMOKING.
S36/37/39:	Wear suitable protective clothing, gloves and eye/face protection.
S51:	Use only in well ventilated areas.
S29/56/60/61:	Do not empty into drains, dispose of material and container to hazardous or special waste collection point. Avoid release into the environment.
S45/46:	If swallowed seek medical advice immediately and show this container label.



Extremely Flammable



Harmful

### Disclaimer

The information in this document is offered for general health and safety guidance only and is not intended to be a definitive source of advice, nor does it constitute a risk assessment, for which the user is responsible. All information provided in this document is believed to be accurate to the best of our knowledge. Users of the products referred to should observe the recommendations, conditions and instructions relating to any relevant product label, usage information, consent or approval in force at the time. Further and more specific information may be obtained from the supplier on request (small fee may be required for this service). This company shall not be held liable for any damage resulting from handling or from contact with the above product