

## SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name: **Polyfoam**  
 Supplier: MMP-International, Division  
 of ITW Ltd.  
 Brunel Close, Park Farm  
 Ind Est,  
 Wellingborough, Northants,  
 NN8 6QX

Emergency telephone number: +44 (0) 1933 670870  
 Fax No: +44 (0) 1933 670800

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

## Identification of the preparation

Chemical Name	CAS-No	EEC-No	Class	Weight %
-DIPHENYLMETHANE-4,4'-DI-ISOCYANANTE ~	101-68-8	615-005-00-9	Xn; R20 Xi; R36/37/38 R42	5-10
DIMETHYL ETHER	115-10-6	603-019-00-8	F+; R12	5-10
PROPANE	74-98-6	601-003-00-5	F+; R12	1-5
BUTANE	106-97-8	601-004-00-0	F+; R12	1-5

## 3. HAZARDS IDENTIFICATION

Most important hazards: Extremely flammable.  
 Specific hazards: Irritating to eyes, respiratory system and skin. May cause sensitization by inhalation and skin contact

## 4. FIRST AID MEASURES

General advice: If you feel unwell, seek medical advice (show the label where possible).  
 Inhalation: Move to fresh air, Oxygen or artificial respiration if needed. Consult a physician after significant exposure.  
 Skin contact: Remove immediately adhering matter, If skin irritation persists, call a physician.  
 Eye contact: Rinse thoroughly with plenty of water, also under the eyelids, Call a physician immediately.  
 Ingestion: Do not induce vomiting, Call a physician immediately.

## 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: foam, Carbon Dioxide (CO<sub>2</sub>), powder. In larger fires use, Water spray.  
 Special protective equipment for firefighters: In case of fire, wear a self contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Remove all sources of ignition, Ensure adequate ventilation.  
 Environmental precautions: Do not let product enter drains.  
 Methods for cleaning up: Shovel into a dry metal container.

## 7. HANDLING AND STORAGE

Handling: Use only in area provided with appropriate exhaust ventilation,  
 Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition.

Product name: **Polyfoam****8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Chemical Name: National occupational exposure limits (Ref: British COSHH - EH40):

-DIPHENYLMETHANE-4,4'-DI-ISOCYANATE -

DIMETHYL ETHER 766mg/m3

PROPANE Asphyxiant

BUTANE 600ppm

Engineering measures to reduce exposure

- Respiratory protection: Breathing apparatus with filter.
- Hand protection: PVC or other plastic material gloves, Neoprene gloves.
- Eye protection: tightly fitting safety goggles.
- Skin and body protection: complete suit protecting against chemicals.

Hygiene measures: When using do not eat or drink, When using do not smoke, Wash hands before breaks and immediately after handling the product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form: Aerosol or viscous liquid or solid foam. Colour: off-white. Odour: characteristic - musty

g/l H<sub>2</sub>O)

Flash point: &lt; 20 °C

Flammability (solid, gas): &gt;100

Explosive properties: None

Oxidizing properties: None

Vapour pressure: 5Bar mm Hg ( 20 °C)

**10. STABILITY AND REACTIVITY**

Stability: Stable.

Conditions to avoid: None

Materials to avoid: None

Hazardous decomposition products: Carbon monoxide, nitrogen oxides (NO<sub>x</sub>), Ammonia or amines.**11. TOXICOLOGICAL INFORMATION**

Repeated or prolonged exposure: Repeated contact may cause allergic reactions with very susceptible persons.

**12. ECOLOGICAL INFORMATION**

Other information: Ecological injuries are not known or expected under normal use

**13. DISPOSAL CONSIDERATIONS**

Waste from residues / unused products: Empty containers can be landfilled, when in compliance with local regulations.

Contaminated packaging:

European waste Catalogue No: **08 04 99****14. TRANSPORT INFORMATION**

Proper shipping name: Aerosol

UN-No: 1950

Marine pollutant: No

ADR/RID Class: 2

HI/UN No: 1950

IMO Class: 2

MFAG:

Proper shipping name: Aerosol

ICAO Class: 2

UN/ID No: 1950

Proper shipping name: Aerosol

---

**15. REGULATORY INFORMATION**

Classification according to European directive on classification of hazardous preparations 93/21/EEC

- Contains: -DIPHENYLMETHANE-4,4'-DI-ISOCYANANTE -, DIMETHYL ETHER, PROPANE , BUTANE .

- Symbol(s):



Extremely flammable



Xn - Harmful.

R -phrase(s): R12 - Extremely flammable. R20 - Also harmful by inhalation. R36/37/38 - Irritating to eyes, respiratory system and skin. R42/43 - May cause sensitization by inhalation and skin contact.

S -phrase(s): S2 - Keep out of reach of children. S13 - Keep away from food, drink and animal feeding stuffs. S16 - Keep away from sources of ignition - No smoking. S23 - Do not breathe vapour. S24/25 - Avoid contact with skin and eyes. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 - After contact with skin, wash immediately with plenty of water. S38 - In case of insufficient ventilation, wear suitable respiratory equipment. 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. S37/39 - Wear suitable gloves and eye/face protection.

---

**16. OTHER INFORMATION**

Recommended use:

Recommended restrictions:

When used in a mixture, read the labels and safety data sheets of all components.

Revision date: 13/08/2002

---

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication