



POLYFILLA EXPANDING FOAM FILLER

PTF06

SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT NUMBER: PBD-B3

PRODUCT NAME: Polyfilla Expanding Foam Filler

Supplied by: ICI Polycell Trade,
ICI Paints,
Wexham Road,
Slough,
SL2 5DS
Tel: 0870 242 1100

Emergency Telephone: Slough (01753) 550000

INTENDED USE

Polyfilla Expanding Foam Filler is intended for use in the process of decorating building surfaces, as directed on the container.

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	HAZARDOUS INGREDIENTS	%	SYMBOLS	HEALTH R PHRASES
115-10-6	DIMETHYL ETHER	5-<20	F+	R12
101-68-8	4-4'-METHYLENEDIPHENYL DIISOCYANATE	5-<20	Xn	R20, 36/37/38, 42/43
75-28-5	ISO-BUTANE	5-<20	F+	R12

Note: The text for R phrase codes shown above (if any) is given in section 16.

3. HAZARD IDENTIFICATION

This product has been assessed under the Dangerous Preparations Directive (88/379/EEC) and is classified as follows:

EXTREMELY FLAMMABLE, HARMFUL

R12: Extremely Flammable
R36/37/38: Irritating to eyes, respiratory system and skin
R42/43: May cause sensitisation by inhalation and skin contact

4. FIRST AID MEASURES

In all cases of doubt, or where symptoms persist, seek medical attention.

INHALATION:

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped administer artificial respiration. Give nothing by mouth. If unconscious place in the recovery position. Seek medical advice.

EYE CONTACT:

Irrigate copiously with clean, fresh water for at least 15 minutes, holding eye lids apart. Seek medical advice.

POLYFILLA EXPANDING FOAM FILLER

PTF06

SKIN CONTACT:

Remove contaminated clothing, wash skin thoroughly with soap and water, or use a proprietary skin cleaner. Do not use solvents or thinners. Seek medical advice if symptoms persist.

INGESTION:

If accidentally Swallowed, DO NOT INDUCE VOMITING. Keep at rest and obtain medical advice.

5. FIRE FIGHTING MEASURES

Extinguishing media:

Recommend – foam, CO₂, dry powders. NEVER USE WATER

Recommendations:

Exposure to decomposition products may cause health hazard. (Hydrogen Cyanide HCN, Hydrogen Chloride (HCl), Nitrogen Oxides NOx)). Fire fighters should wear self-contained breathing apparatus. Closed containers exposed to fire should be cooled with water spray jet. Do not allow run off from fire fighting to enter watercourses.

6. ACCIDENTAL RELEASE MEASURES

Refer to protection measures listed in section 8. Avoid breathing dust or vapours and ventilate the area. Contain and collect spillage with non-combustible absorbent materials e.g. sand earth, vermiculite or diatomaceous earth, and place in container for disposal according to local regulations (see section 13). Do not allow to enter drains or watercourses. Clean preferably with a detergent, avoid using solvents. If the product contaminates lakes, rivers or sewages inform appropriate authorities in accordance with local regulations.

7. HANDLING AND STORAGE

HANDLING CONDITIONS:

Avoid contact with the skin and eyes. Smoking, eating and drinking should be prohibited in the work area. Use only in well ventilated areas

STORAGE CONDITIONS:

Store in a cool, dry, well ventilated place. Keep away from sources of ignition

The principles contained in the HSE guidance note Storage of Packed Dangerous Substances should be observed when storing this product. Store separately from oxidising agents, strongly alkaline and strongly acidic materials, amines, alcohols and water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	LTEL (8hr TWA)		STEL		Notes
	ppm	mg/m ³	ppm	mg/m ³	
DIMETHYL ETHER	1000				SUP
4-4' MTHYLENEDIPHENYL DIISOCYANATE		0.05			sen SUP
ISO-BUTANE	1000				SUP

- OEL - Occupational Exposure Limits (HSE Guidance Note EH40)
- OES - Occupational Exposure Standard
- MEL - Maximum Exposure Limit
- SUP - Manufacturer's recommended Limit
- LTEL - Long-term Exposure Limit. TWA - Time weighted Average
- STEL - Short term Exposure Limit (15mins)
- sk - Risk of absorption through unbroken skin
- sen - Respiratory sensitiser
- Pb - Figure quoted as Lead
- Cr - Figure quoted as Cr VI
- rd - Figure quoted is for Respirable dust
- id - Figure quoted is for Inhalable dust

Further guidance on OELs and assessment of occupational exposure to harmful materials (including mixed exposures) is given in HSE Guidance Note EH40.

RESPIRATORY PROTECTION:

Avoid the inhalation of dust or vapours during all operations, such as product mixing, application and sanding. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general ventilation. If this is not sufficient to maintain concentrations of particulates and vapours below the occupational exposure limit, respiratory protection must be worn.

The selection of respiratory equipment should be in accordance with BS 4275. Recommendations for the selection, use and maintenance of Respiratory Equipment, and the current certificates of approval are issued annually by the Health and Safety Executive.

HAND PROTECTION:

Wear suitable gloves for protection against materials in section 2.

EYE PROTECTION:

The wearing of suitable eye protection is recommended.

SKIN PROTECTION:

Wear appropriate protective clothing. Barrier creams may help to protect exposed areas of the skin but are not a substitute for full physical protection.

FLATTING:

Protective gloves should be worn to avoid the risk of skin irritation. When surfaces are to be prepared for painting, account should be taken of the age of the property and the possibility that lead pigmented paint might be present. There is a possibility that ingestion or inhalation of scrapings or dust arising from the preparation work could cause health effects. As a working rule you should assume that this will be the case if the age of the property is pre 1960.

Where possible wet sanding down or chemical stripping methods should be used with surfaces of this type to avoid the creation of dust. When dry sanding down cannot be avoided, and effective local exhaust ventilation is not available, it is recommended that a dust respirator is worn, that is approved for the use with lead dusts, and is type selected on the basis of the occupational hygiene (COSHH) assessment, taking into account occupational hygiene exposure standards for lead in air. Furthermore, steps should be taken to ensure containment of the dusts created, and that all practicable measures are taken to clean up thoroughly all deposits of dust in an around the affected area.

The code of Practice of the Control of Lead at Work (ref. ISBN 0 11 883780 x 1985) should be consulted for advice on protective clothing and personal hygiene precautions.

Care should also be taken to exclude visitors, members of the household and especially children from the effected area, during the actual work and the subsequent clean up operations.

All scrapings, dust, etc. should be disposed of by the professional painting contractor as Special (Hazardous) Waste, with the relevant documentation under the Control of Pollution (Special Waste Regulations) 1980, The Environmental Protection (Duty of Care) Regulation 1991, the Controlled Waste Registration of Carriers and Seizure of Vehicles Regulations 1991 and the Controlled Waste Regulations 1992.

Extra precautions will need to be taken when burning off old lead based paints (see above – ‘Sanding Down’ for relevance to work on older property, i.e. pre 1960) as fumes containing lead will be produced.

It is recommended that a respirator, approved for use with particulate fumes of lead is selected on the basis of the occupational hygiene (COSHH) assessment, taking into account the occupational hygiene exposure standard for lead in air.

Similar precautions to those given under the Sanding Down section should be taken with reference to protective clothing, disposal of scrapings and dusts, and exclusion of other personnel and especially children from the building during actual work and the subsequent clean up operations.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State : Aerosol
Specific gravity : N/A Flash point: - N/A
Water miscible : NO pH: No information

10. STABILITY AND REACTIVITY**MATERIALS TO AVOID:**

Keep away from oxidising agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

No hazardous decomposition products known.

11. TOXICOLOGICAL INFORMATION

There is no experimental data on this product itself. However, it has been assessed according to the Preparations Directive (86/379/EEC) and classified for toxicological hazards. See section 15 for these details, including associated risk and safety phrases.

Over-exposures of vapour are irritating to eyes and respiratory system. Excessive concentrations may produce effects on the central nervous system including drowsiness. In extreme cases loss of consciousness may result. Long term exposure to vapour concentrations in excess of quoted OELs may result in adverse health effects. Splashes entering the eye will cause discomfort and possible damage. Prolonged contact with the skin may have a defatting effect which may lead to skin irritation and in some cases dermatitis.

12. ECOLOGICAL INFORMATION

There is no specific data available on the product itself. The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters. The air pollution control requirements of regulations made under the Environmental Protection Act may apply to the use of the product.

13. DISPOSAL CONSIDERATIONS

Waste material and containers must be treated as a fire hazard and disposed of in accordance with the general requirements of the Control of Pollution Act 1974.

The 1990 Environmental Protection Act introduces new controls on the disposal or depositing of waste. Due regard should be given to the 'duty of care' required under the regulations and the guidance given under this act.

14. TRANSPORT INFORMATION

UN number	: 1950	Packing group:	111	
ADR/RID Class	: 2	Item:	5F	ICI Tremcard: ICI-969
IMDG Class	: 2	MFAG:	620	EMS 2-13
Hazard label(s)	: UN1950 AEROSOL			

15. REGULATORY INFORMATION**NAMED SUBS:**

4-4' METHYLENEDIPHENYL DIISOCYANATE

HAZARD CLASSIFICATION:

EXTREMELY FLAMMABLE, HARMFUL

WARNING LABEL PHRASES:

R12	Extremely Flammable
R36/37/38	Irritating to eyes, respiratory system and skin
R42/43	May cause sensitisation by inhalation and skin contact
S23	Do not breathe vapour
S36/39	Wear suitable protective clothing and eye/face protection
S51	Use only in well ventilated areas
S45	In case of accident or if you feel unwell, seek medical advice immediately
S56	Dispose of the material and its container to a hazardous or special waste collection point
S16	Keep away from sources of ignition - No Smoking
A1	Pressurised containers; protect from sunlight and do not expose to temperatures exceeding 50 deg. Celsius
A2	Do not pierce or burn, even after use
A3	Do not spray on a naked flame or any incandescent material

16. OTHER INFORMATION

TEXT FOR R PHRASES SHOWN IN SECTION 2 DESCRIBING EACH INGREDIENT:

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
R38	Irritating to skin
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

The information given in this data sheet is required pursuant to EC Directive 88/379/EEC.

Other Reference:

The Control of Substances Hazardous to Health Regulations 1994 (SI 1994:3246), and amendment Regulations 1996 (SI 1996:3138).

The information on this sheet is not a specification: it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions and recommendations are not followed.

We will be pleased to answer any specific enquiries regarding the safe use, storage and handling of our product. Contact:

ICI Paints Technical Group,

ICI Paints,

Wexham Road,

Slough,

SL2 5DS

Tel: 0870 242 1100 See www.duluxtrade.co.uk

ICI Paints in the UK is part of Imperial Chemical Industries plc and a member of the ICI Paints World Group.

Registered in England No. 218019.

Registered office: Imperial Chemical House, Millbank, London. SW1P 3JF.