



## POLYFILLA EXTERIOR

## PTF07

### SAFETY DATA SHEET

#### 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT NUMBER: 016-2100

PRODUCT NAME: Polyfilla Exterior 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 Exterior is intended for use in the process of repairing, preparing or decorating building surfaces, as directed on the container.

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Certain ingredients, having recognised health effects, may be present at concentrations above the exemption limits (0.1% for toxic materials and 1% for all others). These are:

| CAS No.    | HAZARDOUS INGREDIENTS         | %     | SYMBOLS | HEALTH R PHRASES |
|------------|-------------------------------|-------|---------|------------------|
| 68475-76-3 | PORTLAND CEMENT (<2PPM CR VI) | 25-50 | Xi      | R41,37/38        |
| 544-17-2   | CALCIUM FORMATE               | < 2.5 | Xi      | R41              |

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

#### 3. HAZARDS IDENTIFICATION

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

Xi IRRITANT

R41 Risk of serious damage to eyes.

R37/38 Irritating to respiratory system and skin.

Information on Occupational Exposure Limits is given in Section 8.

When cement based materials are mixed with water, or when the cement based materials become damp a strong alkaline material is produced. Contact with this alkaline material may cause serious burns to the eyes and burns and ulceration of the skin. Strong alkaline solutions in contact with the skin may damage the nerve endings first before damaging the skin and this may cause chemical burns to develop without pain being felt at the time. Cement based materials may until set cause both irritant and allergic contact dermatitis.

#### 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:**

SPEED IS ESSENTIAL.

Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention.

**SKIN CONTACT:**

Remove contaminated clothing, wash skin thoroughly with soap and water, or use a proprietary skin cleanser. 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 attention.

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:**

Recommended - alcohol resistant foam, CO<sub>2</sub>, powders.

Not to be used - waterjet.

**Recommendations:**

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Fire fighters should wear self-contained breathing apparatus.

Closed containers exposed to fire should be cooled with water. Do not allow run-off from fire-fighting to enter drains or watercourses.

**6. ACCIDENTAL RELEASE MEASURES**

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in section 8. 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 use of solvents. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

Caution - Spillages may be very slippery.

**7. HANDLING AND STORAGE**

**HANDLING CONDITIONS:**

Avoid contact with the skin and eyes. Smoking, eating and drinking should be prohibited in the work area.

**STORAGE CONDITIONS:**

Store in a cool, dry, well ventilated place and keep container tightly closed.

Take precautionary measures against static discharge.

Dusts - Operations which may produce dusts should be controlled so that appropriate exposure standards for dusts are not exceeded. Suitable respiratory equipment should be used in case of insufficient ventilation or where operational procedure demands it.

The principles contained in the HSE guidance note Storage of Packaged 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**

| <u>HAZARDOUS INGREDIENT</u>   | <u>LTEL (8hr TWA)</u> |                   | <u>STEL</u> |                   | <u>Notes</u> |
|-------------------------------|-----------------------|-------------------|-------------|-------------------|--------------|
|                               | ppm                   | mg/m <sup>3</sup> | ppm         | mg/m <sup>3</sup> |              |
| PORTLAND CEMENT (<2PPM CR VI) |                       | 4                 |             |                   | rd OES       |
|                               |                       | 10                |             |                   | id OES       |
| CALCIUM FORMATE               |                       | 4                 |             |                   | rd OES       |
|                               |                       | 10                |             |                   | id OES       |

- 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 vapour, particulates and spray mist. 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 solvent vapour 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:**

Wear suitable eye protection to BS 2092.

**SKIN PROTECTION:**

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

Dry sanding, flame cutting and/or welding of the dry paint film may give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

All clothing should be worn so as to avoid 'traps' for fresh material to fall in, i.e. With sleeves over the gloves and trouser legs over boots - not tucked inside. If 'trapping' does happen immediately clean the contaminated area and the protective clothing with copious amounts of clean water.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Physical State : Powder
  - Specific gravity : N/A
  - Water miscible : YES
  - Particle Size: : N/A
  - Flash point: NON-FLASH
  - pH: 12.0-13.0
- The pH of wet/damp cement based products will be between 12 - 13.

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

Extremes of temperature.

**MATERIALS TO AVOID:**

Keep away from oxidising agents, strongly alkaline and strongly acidic materials in order to avoid exothermic reactions.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke and oxides of nitrogen.

**11. TOXICOLOGICAL INFORMATION**

There is no experimental data available on the product itself. However, it has been assessed according to the Preparations Directive (88/379/EEC) and classified for toxicological hazards. See Section 15 for these details, including associated risk and safety phrases.

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.

High repeated dust exposures in excess of the OES have been linked with rhinitis and coughing. Skin exposure has been linked to allergic (Chromium) dermatitis. Allergic dermatitis more commonly arises through contact with wet/damp cement containing mixtures than dry cement. Individuals who have suffered from these conditions should take extra care, or avoid use.

Mild exposures to eyes can cause soreness. Gross exposures or untreated mild exposures can lead to chemical burning and ulceration of the eye. Contact between cement powder and body fluids (e.g.. Sweat and eye fluid) may also cause irritation, dermatitis or burns.

**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 this product.

Products classified as Marine Pollutants are indicated as such under Transport (section 14).

Substances which are classified as Dangerous for the Environment are indicated below.

**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**

Note: due to forthcoming regulations changes, the transport classifications in this section are only applicable up to the end of December 2001.

For classification information after that date, use the contact address in section 16 of this data sheet.

|                  |          |                |        |                      |
|------------------|----------|----------------|--------|----------------------|
| UN number        | : 0000   | Packing group: | EXEMPT |                      |
| ADR/RID Class    | : EXEMPT | Item:          | EXEMPT | ICI Tremcard: EXEMPT |
| IMDG Class       | : EXEMPT | MFAG:          | EXEMPT | EMS: EXEMPT          |
| Hazard label(s): |          |                |        |                      |

**15. REGULATORY INFORMATION**

**NAMED SUBS.:**

PORTLAND CEMENT (<2PPM CR VI)

**HAZARD CLASSIFICATION:**

Xi IRRITANT

**WARNING LABEL PHRASES:**

R41 Risk of serious damage to eyes.

R37/38 Irritating to respiratory system and skin.

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.

S39 Wear eye/face protection.

**16. OTHER INFORMATION**

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

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

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](http://www.duluxtrade.co.uk)

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