



## SAFETY DATA SHEET

CHEMFIX PE

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Revision No: 1

**Section 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Product name:** CHEMFIX PE**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** A Chemical anchoring application**1.3. Details of the supplier of the safety data sheet****Company name:** Chemfix Products Limited

Mill Street East

Dewsbury

West Yorkshire

WF12 9BQ

United Kingdom

**Tel:** +44 (0)1924 453886**Fax:** +44 (0)1924 458995**Email:** [sds@chemfix.co.uk](mailto:sds@chemfix.co.uk)**1.4. Emergency telephone number****Emergency tel:** +44 (0)1924 431679**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CHIP:** Xn: R20; Xi: R36/38**Most important adverse effects:** Harmful by inhalation. Irritating to eyes and skin.**2.2. Label elements****Label elements under CHIP:****Hazard symbols:** Harmful.**Risk phrases:** R20: Harmful by inhalation.

R36/38: Irritating to eyes and skin.

**Safety phrases:** S2: Keep out of the reach of children.

S24: Avoid contact with skin.

S37: Wear suitable gloves.

**Precautionary phrases:** Contains dibenzoyl peroxide. May produce an allergic reaction.

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## 2.3. Other hazards

**Other hazards:** Not applicable.

**PBT:** This substance is not identified as a PBT substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

STYRENE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
202-851-5	100-42-5	-: R10; Xn: R20; Xi: R36/38	-	10-20%

**Contains:** <1% DIBENZOYL PEROXIDE

EINECS: 202-327-6 CAS: 94-36-0

[E] R3; [O] R7; [Xi] R36; [Sens.] R43

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** No data available.

**Inhalation:** Harmful by inhalation.

**Delayed / immediate effects:** Not applicable.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** Show this safety data sheet to the doctor in attendance.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Dry chemical powder. Carbon dioxide. Foam. Do not use halons.

[cont...]

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## 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** Flammable. Sealed, heated containers can pressurise leading to explosion. In combustion emits toxic fumes.

## 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Transfer to a suitable container. Wash the spillage site with large amounts of water.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 13 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Use non-sparking tools.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in cool, well ventilated area. Keep away from sources of ignition.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** Building and construction work (SU19).

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**STYRENE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	430 mg/m <sup>3</sup>	1080 mg/m <sup>3</sup>	-	-

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Breathing protection is required in inadequately ventilated places. Gas/vapour filter, type A: organic vapours (EN141).

[cont...]

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**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

**Environmental:** Ensure all engineering measures mentioned in section 7 of SDS are in place.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Paste

**Colour:** Various

**Odour:** Characteristic odour

**Oxidising:** Oxidising (by EC criteria)

**Solubility in water:** Insoluble

**Flammability limits %:** lower: 1.1

**upper:** 6.1

**Flash point°C:** 32

**Autoflammability°C:** 380

**Relative density:** 1.58

**VOC g/l:** 198.6

### 9.2. Other information

**Other information:** Not applicable.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions. May polymerise on heating.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Air. Sources of ignition. Direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid:** Acids. Alkalis. Heavy metal compounds. Reducing agents. Organic peroxide.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes. pressure rise and possible bursting of containers may follow.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

[cont...]

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## Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	INH	Hazardous: calculated
Irritation	OPT DRM	Hazardous: calculated

## Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** No data available.

**Inhalation:** Harmful by inhalation.

**Delayed / immediate effects:** Not applicable.

**Other information:** Not applicable.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** Not applicable.

### 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

### 12.4. Mobility in soil

**Mobility:** Insoluble in water. Heavier than water.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This substance is not identified as a PBT substance.

### 12.6. Other adverse effects

**Other adverse effects:** No data available.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company. Small quantities of the product can be mixed and allowed to cure, then can be disposed as solid waste.

**Waste code number:** 08 04 09

**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

[cont...]

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## Section 14: Transport information

### 14.1. UN number

UN number: UN3269

### 14.2. UN proper shipping name

Shipping name: POLYESTER RESIN KIT  
(STYRENE)

### 14.3. Transport hazard class(es)

Transport class: 3

### 14.4. Packing group

Packing group: III

### 14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

### 14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: E

Transport category: 3

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

### 15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

Active Oxygen Content of Catalyst Component 0.99%

**Phrases used in s.2 and 3:** R10: Flammable.

R20: Harmful by inhalation.

R36/38: Irritating to eyes and skin.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

[cont...]

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ENVIRONMENTAL CARE: Please do not dispose of uncured material. If disposing please mix any waste product to its cured state.