



## SAFETY DATA SHEET

CHEMFIX POLYESTER LOW ODOUR STYRENE FREE RESIN

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Issued: 04/08/2005

Revision No: 2

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING****Product name:** CHEMFIX POLYESTER LOW ODOUR STYRENE FREE RESIN**Product code:** CPSF1**Company name:** Chemfix Products Ltd

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**2. HAZARDS IDENTIFICATION****Main hazards:** May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**3. COMPOSITION / INFORMATION ON INGREDIENTS****Hazardous ingredients:** 2-HYDROXYETHYL METHACRYLATE 5-10%

EINECS: 212-782-2 CAS: 868-77-9

[Xi] R36/38; [Sens.] R43

- 4-T-BUTYL VINYL BENZENE 5-10%

CAS: 1746-23-2

[Xi] R36/37/38; [N] R51/53

**4. FIRST AID MEASURES (SYMPTOMS)****Skin contact:** There may be irritation and redness at the site of contact.**Eye contact:** There may be irritation and redness.**Ingestion:** There may be soreness and redness of the mouth and throat.**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.**4. FIRST AID MEASURES (ACTION)****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:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Carbon dioxide. Alcohol or polymer foam.

**Exposure hazards:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### 6. ACCIDENTAL RELEASE MEASURES

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

**Environmental precautions:** Do not discharge into drains or rivers.

**Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method.

### 7. HANDLING AND STORAGE

**Handling requirements:** Ensure there is sufficient ventilation of the area.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight.

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

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety goggles.

**Skin protection:** Protective clothing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Paste

**Colour:** Brown

**Odour:** Characteristic odour

**Evaporation rate:** Slow

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Slightly soluble

**Also soluble in:** Most organic solvents.

**Viscosity:** Viscous

**Boiling point/range°C:** 198

**Flash point°C:** 80

**Relative density:** 1.6

### 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions. May polymerise on exposure to light.

**Conditions to avoid:** Direct sunlight. Heat. Flames.

**Materials to avoid:** Strong oxidising agents.

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## 11. TOXICOLOGICAL INFORMATION

**Hazardous ingredients:** 2-HYDROXYETHYL METHACRYLATE

IPR RAT LD50 1250 mg/kg

ORL MUS LD50 3275 mg/kg

ORL RAT LD50 5050 mg/kg

**Chronic toxicity:** May cause sensitisation by skin contact.

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

## 12. ECOLOGICAL INFORMATION

**Mobility:** Insoluble in water.

**Persistence and degradability:** Only slightly biodegradable.

**Bioaccumulative potential:** No data available.

## 13. DISPOSAL CONSIDERATIONS

**Disposal operations:** D1 Tipping above or underground (e.g. landfill, etc.).

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

## 14. TRANSPORT INFORMATION

**ADR / RID**

**IMDG / IMO**

**IATA / ICAO**

## 15. REGULATORY INFORMATION

**Hazard symbols:** Irritant.



**Risk phrases:** R43: May cause sensitisation by skin contact.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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

S24: Avoid contact with skin.

S29: Do not empty into drains.

S37: Wear suitable gloves.

**Note:** The regulatory information given above only indicates the principal regulations specifically

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applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

### 16. OTHER INFORMATION

**Risk phrases used in s.2:** R36/38: Irritating to eyes and skin.

R43: May cause sensitisation by skin contact.

R36/37/38: Irritating to eyes, respiratory system and skin.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**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.