



SAFETY DATA SHEET

CHEMFIX VESF

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Compilation date: 22/04/2010

Revision No: 2

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** CHEMFIX VESF**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**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:** Xi: R37; Sens.: R43**Most important adverse effects:** Irritating to respiratory system. May cause sensitisation by skin contact.**2.2. Label elements****Label elements under CHIP:****Hazard symbols:** Irritant.**Risk phrases:** R37: Irritating to respiratory system.

R43: May cause sensitisation by skin contact.

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:

ETHYLENE DIMETHACRYLATE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
202-617-2	97-90-5	Xi: R37; Sens.: R43	-	10-20%

METHACRYLIC ACID, MONOESTER WITH PROPANE-1,2-DIOL

248-666-3	27813-02-1	Xi: R36; Sens.: R43	-	10-20%
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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: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor.

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

Ingestion: If conscious, give half a litre of water to drink immediately. Do not induce vomiting. 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. Severe eye irritant.

Ingestion: There may be loss of consciousness.

Inhalation: There may be loss of consciousness.

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: 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.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a suitable container. Wash the area with 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: Keep away from Heat and sources of ignition. Comp. B = Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Ensure lighting and electrical equipment are not a source of ignition. Store in cool, well ventilated area.

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

8.2. Exposure controls

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

Respiratory protection: Breathing protection is required in inadequately ventilated places.

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.

[cont...]

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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: Slightly soluble

Flash point°C: 110

Autoflammability°C: 380

Relative density: 1.51

VOC g/l: 31.99

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.

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

Haz. decomp. products: If exposed to high temperatures it will immit hazardous fumes and smoke. pressure rise and possible bursting of containers may follow.

Section 11: Toxicological information

11.1. Information on toxicological effects

Relevant effects for mixture:

Effect	Route	Basis
Irritation	INH	Hazardous: calculated

[cont...]

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Sensitisation	DRM	Hazardous: calculated
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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. Severe eye irritant.

Ingestion: There may be loss of consciousness.

Inhalation: There may be loss of consciousness.

Delayed / immediate effects: Not applicable.

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

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: Soluble in 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.

Section 14: Transport information

Transport class: This product is not classified for transport.

[cont...]

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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: R36: Irritating to eyes.

R37: Irritating to respiratory system.

R43: May cause sensitisation by skin contact.

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.

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