

# SAFETY DATA

SDS No 209

Issue 5 December 2004

## FRAME FIX MORTAR BASE COMPONENT

### 1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY / UNDERTAKING.

Product Name	Frame Fix Mortar
Use	Base component of polyester resin rapid setting mortar
Company	Tecroc Products Ltd Holly Lane Ind Est Atherstone, Warks, CV9 2RN
Telephone	01827 711755
Fax	01827 711330

### 2. COMPOSITION / INFORMATION ON INGREDIENTS.

**Polyester Resin** EEC symbol Xi R Phrases 36/38, 43  
**Styrene Monomer** EEC symbol Xn R Phrases 10, 20, 36/38.

### 3. HAZARDS IDENTIFICATION

Flammable, harmful by inhalation, irritating to eyes and skin and may causes sensitisation by skin contact.

### 4. FIRST AID MEASURES

#### Eye Contact

Rinse immediately with water for at least 15 minutes. Get medical attention urgently.

#### Skin contact

Wash with soap and water. Do not use organic solvents.

#### Inhalation

Move into fresh air. Seek medical advice.

#### Ingestion

Wash mouth with plenty of water. **DO NOT** induce vomiting. In case of spontaneous vomiting ensure vomit can drain freely to avoid suffocation. Seek medical attention urgently.

### 5. FIRE FIGHTING MEASURES

#### Suitable Extinguishing Media

Water Mist, Foam, Carbon Dioxide, Dry Powder

#### Unsuitable Extinguishing Media

High pressure water jet

#### Exposure Hazards

Prevent contaminated water from entering drains, soil or surface water. Dispose of contaminated water and soil according to local and national regulations. Release of toxic fumes may occur. Fire fighters should wear self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions

Do not breathe vapour. Wear suitable protective clothing, gloves and eye/face protection.

#### Environmental Precautions

Prevent contamination of soil, drains and surface water.

#### Methods for Cleaning

Take up material with absorbent insert material. Avoid air born dust. Place in closable containers. Dispose of as waste.

### 7. HANDLING AND STORAGE

#### Handling

Harmful, sensitising. Do not breathe vapour. Avoid ignition sources. Ensure adequate ventilation. Do not eat, drink or smoke at work place.

#### Storage

Keep in original container. Store in accordance with Highly Flammable Liquids and Liquefied Gases Regulations 1972.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Engineering Protective Measures

No special measures required.

#### Occupational Exposure Measures

Styrene 8 hour TWA MEL 430mg/m<sub>3</sub>

#### Respiratory Protection

In case of insufficient ventilation wear suitable respiratory equipment.

#### Hand Protection

Wear suitable gloves (eg PVC)

#### Eye Protection

Wear suitable safety glasses to BSEN 166

#### Skin Protection

Wear overalls and closed footwear.

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# FRAME FIX MORTAR BASE COMPONENT

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Melting Point/Range	N/A
Boiling Point/Range	145°C
Oxidising Properties	N/A
Autoflammability	485°C
Solubility in Water	Insoluble
Vapour Pressure	6.2 mbar (styrene)
Partition Coefficient	N/A
Explosive Properties	Explosive limits 1.1 to 6.1% styrene
Appearance	Yellow liquid
Odour	Irritant penetrating odour
Density	1.05 @ 20°C
Flashpoint	31°C
Ignition	Flammable
pH Value	N/A
Viscosity	0.763 Ps @ 20°C

## 10. STABILITY AND REACTIVITY

Stability	Stable under temperature storage conditions.
Conditions to avoid	Sources of ignition, static charges
Materials to avoid	Strong bases, strong oxidising agents, copper
Hazardous Decomposition Products	Thermal decomposition or burning may release oxides of carbon and other hazardous gases or vapours.

## 11. TOXICOLOGICAL INFORMATION

### Health Effects

#### Eyes

Causes severe irritation.

#### Skin

Causes moderate to severe irritation. Repeated contact can cause sensitisation and dermatitis.

#### Inhalation

Causes respiratory irritation. Can cause nausea and possible narcosis.

#### Ingestion

Causes irritation of the mouth, throat and digestive tract.

#### Chronic

Repeated exposure may lead to tiredness and prolonged reaction time.

#### Other

None known.

## 12. ECOLOGICAL INFORMATION

Prevent contamination of soil, drains or surface water.

Mobility	Mobile Liquid
Solubility	Insoluble in water
Persistence and Degradability	Not expected to be readily biodegradable
Bioaccumulativity	Expected to be bioaccumulative

## 13. DISPOSAL CONSIDERATIONS

Disposal must be carried out under guidance from local and national legislation. Waste from residues/unused products must be disposed of via a licensed waste contractor to a licensed site. Contaminated packaging must be disposed of via a licensed waste contractor.

## 14. TRANSPORT INFORMATION

Proper shipping name:	Resin solution
RID/ADR	UN1866 CL 3 PGIII
IMDG-Code	UN1866 CL 3 PGIII
ICAO	UN1866 CL 3 PGIII
Flashpoint	31°C

## 15. REGULATORY INFORMATION

Symbol Xn

Contains Styrene Monomer

#### Risk Phrases

R10 Flammable. R36/38 Irritating to eyes and skin.

R43 May cause sensitisation by skin contact.

#### Safety Phrases

S1/2 Keep locked up and out of the reach of children. S23 Do not breathe vapour.

## 16. OTHER INFORMATION

These data sheets are given in connection with the product being used for the purposes outlined in the Product Technical Data Sheet, available from Tecroc Products Ltd on request. Use of the above product for other purposes may result in risks not given above.

If the product is to be used by a third party at work, it is the duty of the initial recipient to ensure that the third party is supplied with the data given above.

Employers have the duty to inform employees and others who may be effected of any hazards given in the data above and any precautions which should be adopted.

Users of the product should undertake their own assessment of work place risks as required by the Health and Safety Legislation.

Further copies of this Safety Data Sheet are available from Tecroc Products Ltd

Safety Data Sheet According to Directive 91/155/EEC CHIP Regulations.

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# FRAME FIX MORTAR CATALYSED FILLER COMPONENT

### 1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY / UNDERTAKING.

Product Name	Frame Fix Mortar
Use	Hardener & filler component of polyester resin rapid setting mortar
Company	Tecroc Products Ltd Holly Lane Ind Est, Atherstone, Warks, CV9 2RN
Telephone	01827 711755
Fax	01827 711330

### 2. COMPOSITION / INFORMATION ON INGREDIENTS.

Mixture of silica sands, inert fillers and pigments. Not classified as hazardous. Dibenzoyl peroxide 20% with inert filler (content 2% max) CAS 94-36-0  
EEC symbol Xi R Phrases 36/37/38, 43.

### 3. HAZARDS IDENTIFICATION

Air born dust.

### 4. FIRST AID MEASURES

#### Eye Contact

Rinse immediately with water for at least 15 minutes. Get medical attention if irritation persists.

#### Skin contact

Wash with soap and water or skin cleansing cream.

#### Inhalation

Move into fresh air.

#### Ingestion

Wash mouth with plenty of water. **DO NOT** induce vomiting. In case of spontaneous vomiting ensure vomit can drain freely to avoid suffocation. Seek medical attention urgently.

### 5. FIRE FIGHTING MEASURES

#### Suitable Extinguishing Media

Water Mist, Foam, Carbon Dioxide, Dry Powder

#### Unsuitable Extinguishing Media

High pressure water jet

### Exposure Hazards

Prevent contaminated water from entering drains, soil or surface water. Dispose of contaminated water and soil according to local and national regulations. Release of toxic fumes may occur. Fire fighters should wear self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal Precautions

Wear suitable protective clothing, gloves and eye/face protection.

#### Environmental Precautions

Prevent contamination of soil, drains and surface water.

#### Methods for Cleaning

Take up material with absorbent inert material. Avoid air born dust. Place in closable containers. Dispose of as waste.

### 7. HANDLING AND STORAGE

#### Handling

Ensure adequate ventilation. Do not breathe dust. Avoid contact with eyes.

#### Storage

Keep in original container. Keep dry

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Engineering Protective Measures

No special measures required.

#### Occupational Exposure Measures

Amorphous Silica 8hour Twa; total inhalable dust Oes 6.0mg/M\_ Respirable dut Oes 2.4mg/M\_

#### Respiratory Protection

In case of insufficient ventilation wear suitable respiratory equipment.

#### Hand Protection

Wear suitable gloves (eg PVC)

#### Eye Protection

Wear suitable safety glasses to BSEN 166

#### Skin Protection

Wear overalls and closed footwear.

# FRAME FIX MORTAR CATALYSED FILLER COMPONENT

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Melting Point/Range	N/A
Boiling Point/Range	N/A
Oxidising Properties	Oxidising agent – less than 2%
Autoflammability	> 380° C
Solubility in Water	Insoluble
Vapour Pressure	N/A
Partition Coefficient	N/A
Explosive Properties	N/A
Appearance	Coloured granular powder
Odour	Slight, Sweet
Density	Bulk Density 1.6 apprx
Flashpoint	N/A
Ignition	N/A
pH Value	N/A
Viscosity	N/A

## 10. STABILITY AND REACTIVITY

Stability	Stable
Conditions to avoid	Static discharges
Hazardous Decomposition Products	None expected from Benzoyl Peroxide at less than 2%.

## 11. TOXICOLOGICAL INFORMATION

Information used to assess health effects based on Dibenaoyl Peroxide 78% in water, from benzoylperoxide at less than 2%.

### Acute Toxicity

Oral Ld50 Rat; > 5000mg/Kg. Inhalation Lc50 Rat; > 24.3mg/L 4 hour exposure. Maximum attainable concentration.

### Health Effects

#### Eyes

May cause irritation.

#### Skin

May cause irritation.

#### Inhalation

Respiratory irritation.

#### Ingestion

May causes irritation of the mouth, throat and digestive tract.

#### Chronic

Respirable dust fraction, if inhaled over a prolonged period, constitutes a health hazard. Such inhalation can give rise to fibrosis of the lung.

#### Other

None known.

## 12. ECOLOGICAL INFORMATION

Prevent contamination of soil, drains or surface water.

Mobility	Granular Powder
Solubility	Insoluble
Persistence and Degradability	Readily biodegradable.
Bioaccumulative	Closed bottle test
	Not thought to be bioaccumulative

## 13. DISPOSAL CONSIDERATIONS

Disposal must be carried out under guidance from local and national legislation. Waste from residues/unused products must be disposed of via a licensed waste contractor to a licensed site. Contaminated packaging must be disposed of via a licensed waste contractor.

## 14. TRANSPORT INFORMATION

Not classified as dangerous for transport.

## 15. REGULATORY INFORMATION

Symbol N/A

### Contains

Benzoyl Peroxide at less than 2%

### Risk Phrases

R36/37/38 Irritating to eyes, respiratory system and skin. R43 may cause sensitisation by skin contact.

### Safety Phrases

S1/2 Keep locked up and out of the reach of children. S26 in case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37/39 wear suitable protective clothing, gloves and eye/face protection.

## 16. OTHER INFORMATION

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