

# SAFETY DATA

## SDS No 308

# TECGRIP CAS EPOXY

### CARTRIDGE ANCHOR SYSTEM

### BASE COMPONENT

Issue 4 September 2006

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

Product Name: Tecgrip CAS Epoxy  
Cartridge Anchoring System  
Use: Base for epoxy resin anchor grout  
Company: Tecroc Products Limited  
Holly Lane Industrial Estate  
Atherstone,  
Warks, CV9 2RN  
Tel: 01827 711755  
Fax: 01827 711330

#### 2. COMPOSITION / INFORMATION ON INGREDIENTS.

Mixture of inert fillers not classified as hazardous  
**Bisphenol A/F Epoxy Resin** CAS 40216-08-8  
**1, 6-Hexanediolglycidylether** CAS 16096-31-4  
**R phrases:** R36/38,43,52/53.

#### 3. HAZARDS IDENTIFICATION

Irritating to eyes, respiratory system and skin.  
May cause sensitisation by skin contact.  
Marine pollutant

#### 4. FIRST AID MEASURES

##### Eye Contact

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

##### Skin Contact

Wash with soap and water or skin cleansing cream.

##### Inhalation

Move into fresh air. In case of unconsciousness rest in a stable lateral position. Get medical attention immediately.

##### Ingestion

Get medical attention urgently. Give 0.5-0.8 litres of water **DO NOT** induce vomiting. In case of spontaneous vomiting ensure vomit can drain freely to avoid suffocation.

#### 5. FIRE FIGHTING MEASURES

##### Suitable Extinguishing Media

Water spray, Foam, Carbon Dioxide, Dry Powder.

##### Unsuitable Extinguishing Media

High-pressure water jet, Halones

##### 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 into closable containers. Dispose of as waste.

#### 7. HANDLING AND STORAGE

##### Handling

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

##### Storage

Keep in original container. Keep dry and at room temperature.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Engineering Protective Measures

No special measures required.

##### Occupational Exposure Limits

None assigned.

##### 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.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Melting Point/Range: N/A  
Boiling Point/Range: >200°C  
Oxidising Properties: None  
Auto flammability: Above boiling point  
Solubility in Water: Insoluble  
Vapour Pressure: N/A  
Partition Coefficient: N/A  
Explosive properties: None  
Appearance: Red paste.  
Odour: Nearly odourless  
Density: Specific gravity 1.18g/cm<sub>3</sub>  
Flashpoint: >100°C  
Ignition: Will burn if involved in a fire  
pH value: N/A  
Viscosity: N/A

**Head Office**  
Holly Lane Industrial Estate  
Atherstone  
Warwickshire  
CV9 2RN  
Tel: 01827 711755  
Fax: 01827 711330

**Irish Distributor**  
Construction Chemical Supplies  
Unit 219  
JFK Road JFK Industrial Est  
Dublin 12  
Tel: 00 353 1 450 3896  
Fax: 00 353 1 450 3298

**Web site:** [www.tecroc.co.uk](http://www.tecroc.co.uk)

**E-mail:** [enquiries@tecroc.co.uk](mailto:enquiries@tecroc.co.uk)

# SAFETY DATA

Issue 4 September 2006

## SDS No 308

# TECGRIP CAS EPOXY CARTRIDGE ANCHOR SYSTEM BASE COMPONENT

### 10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Conditions to avoid:	Sources of ignition. Static discharges. Contact with strong oxidising agents and peroxides.
Materials to avoid:	Contact with strong oxidising agents, acids.
Hazardous Decomposition Products:	None.

### 11. TOXICOLOGICAL INFORMATION

#### Health Effects

#### Eyes

Causes severe irritation.

#### Skin

Irritant, can cause sensitisation.

#### Inhalation

Causes respiratory irritation.

#### Ingestion

May cause irritation to mouth, throat and digestive tract.

#### Other

None known.

### 12. ECOLOGICAL INFORMATION

Prevent contamination of soil, drains or surface water.  
Toxic to aquatic organisms.

Mobility:	Paste.
Solubility:	Insoluble in water.
Persistence and Degradability:	Not expected to be readily biodegradable.
Bio accumulative Potential:	Expected to be bio accumulative.

### 13. DISPOSAL CONSIDERATIONS

Disposal must be carried out under guidance from local and national legislation.

Waste From Residues/Unused Product: Dispose of via a licensed waste contractor to a licensed disposal site.

Contaminated Packaging: Dispose of via a licensed waste contractor.

### 14. TRANSPORT INFORMATION

UN No	3077
PSN	Environmentally hazardous substance, solid, n.o.s.
Contains	Epoxy resin
Class	9
PG	III

### 15. REGULATORY INFORMATION

**Symbol:** Xi- Irritant, N- Dangerous for the environment

**Contains:** Epoxy resin

#### **Risk Phrases:**

R36/38 irritating to eyes and skin. R43 May cause sensitisation by skin contact. R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

#### **Safety Phrases:**

S1/2 Keep locked up and out of the reach of children. S24/25 Avoid contact with skin and eyes. S28 After contact with skin wash immediately with plenty of soap and water. S36/37/39 wear suitable protective clothing, gloves and eye/face protection. S46 If swallowed seek medical advice immediately and show this container or label. S61 Avoid release into the environment. Refer to special instructions /safety data sheet.

### 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 affected of any hazards given in the data above and any precautions that 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.

**Head Office**  
Holly Lane Industrial Estate  
Atherstone  
Warwickshire  
CV9 2RN  
Tel: 01827 711755  
Fax: 01827 711330

**Irish Distributor**  
Construction Chemical Supplies  
Unit 219  
JFK Road JFK Industrial Est  
Dublin 12  
Tel: 00 353 1 450 3896  
Fax: 00 353 1 450 3298

**Web site: [www.tecroc.co.uk](http://www.tecroc.co.uk)**

**E-mail: [enquiries@tecroc.co.uk](mailto:enquiries@tecroc.co.uk)**

# SAFETY DATA

## SDS No 309

### TECGRIP CAS EPOXY

#### CARTRIDGE ANCHOR SYSTEM

#### HARDENER COMPONENT

Issue 4 September 2006

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

Product Name: Tecgrip CAS Epoxy  
Cartridge Anchoring System  
Use: Hardener for epoxy resin anchor grout  
Company: Tecroc Products Limited  
Holly Lane Industrial Estate  
Atherstone,  
Warks, CV9 2RN  
Tel: 01827 711755  
Fax: 01827 711330

#### 2. COMPOSITION / INFORMATION ON INGREDIENTS.

Mixture of inert fillers not classified as hazardous  
**Parateritarybutylphenol-** CAS 98-54-4  
**Alpha-Diamino-m-Xylene** CAS 1477-55-0  
R Phrases: R20/22, 34, 36/37/38,43,52/53

#### 3. HAZARDS IDENTIFICATION

Causes burns.  
Harmful if swallowed.  
May cause sensitisation by skin contact.

#### 4. FIRST AID MEASURES

##### Eye Contact

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

##### Skin Contact

Wash with soap and water or skin cleansing cream.

##### Inhalation

Move into fresh air. In case of unconsciousness rest in a stable lateral position. Get medical attention immediately.

##### Ingestion

Get medical attention urgently. Give 0.5-0.8 litres of water **DO NOT** induce vomiting. In case of spontaneous vomiting ensure vomit can drain freely to avoid suffocation.

#### 5. FIRE FIGHTING MEASURES

##### Suitable Extinguishing Media

Foam, Carbon Dioxide, Dry Powder.

##### Unsuitable Extinguishing Media

High-pressure water jet, Halones

##### 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 into closable containers. Dispose of as waste.

#### 7. HANDLING AND STORAGE

##### Handling

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

##### Storage

Keep in original container. Keep dry and at room temperature.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Engineering Protective Measures

No special measures required.

##### Occupational Exposure Limits

None applicable to paste.

##### 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.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Melting Point/Range: -18°C  
Boiling Point/Range: 200°C  
Oxidising Properties: N/A  
Auto flammability: No data  
Solubility in Water: Partly Soluble  
Vapour Pressure: N/A  
Partition Coefficient: N/A  
Explosive properties: None  
Appearance: Green smooth paste  
Odour: N/A  
Density: Specific gravity 1.4 g/cm<sub>3</sub>  
Flashpoint: 96°C  
Ignition: Will support combustion in fire conditions  
pH value: Alkaline  
Viscosity: N/A

**Head Office**  
Holly Lane Industrial Estate  
Atherstone  
Warwickshire  
CV9 2RN  
Tel: 01827 711755  
Fax: 01827 711330

**Irish Distributor**  
Construction Chemical Supplies  
Unit 219  
JFK Road JFK Industrial Est  
Dublin 12  
Tel: 00 353 1 450 3896  
Fax: 00 353 1 450 3298

**Web site: [www.tecroc.co.uk](http://www.tecroc.co.uk)**

**E-mail: [enquiries@tecroc.co.uk](mailto:enquiries@tecroc.co.uk)**

# SAFETY DATA

SDS No 309

Issue 4 September 2006

## TECGRIP CAS EPOXY CARTRIDGE ANCHOR SYSTEM HARDENER COMPONENT

### 10. STABILITY AND REACTIVITY

Stability: Will decompose if heated or if in contact with non-compatible substances

Conditions to avoid: Static discharges

Materials to avoid: Contact with acids, heavy metals and reducing agents

Hazardous Decomposition Products: CO<sub>2</sub>, CO, NO<sub>x</sub>, NH<sub>3</sub> when combusted.

### 11. TOXICOLOGICAL INFORMATION

#### Health Effects

##### Eyes

May cause burns.

##### Skin

May cause burns.

##### Inhalation

Not applicable to paste.

##### Ingestion

May cause irritation to mouth, throat and digestive tract.

##### Other

None known.

### 12. ECOLOGICAL INFORMATION

Prevent contamination of soil, drains or surface water.

Mobility: Paste.

Solubility: Partly soluble.

Persistence and Degradability: Readily biodegradable.

Bio accumulative Potential: Not thought to be bio accumulative.

### 13. DISPOSAL CONSIDERATIONS

Disposal must be carried out under guidance from local and national legislation.

Waste From Residues/Unused Product: Dispose of via a licensed waste contractor to a licensed disposal site.

Contaminated Packaging: Dispose of via a licensed waste contractor.

### 14. TRANSPORT INFORMATION

UN No : UN 3259

PSN : Corrosive, solid, n.o.s

Contains : Amines

Class : 8

Packing group : III

### 15. REGULATORY INFORMATION

**Symbol:** C- Corrosive

#### Contains:

Paratertiarybutylphenol 10-30 %

Alpha-Diamino-m-Xylene 10-30 %

#### Risk Phrases:

**R20/21/22** Harmful by inhalation, in contact with skin and if swallowed. **R34** Causes burns. **R43** May cause sensitisation by skin contact. **R51/53** Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

#### 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. **S36/37/38** wear suitable protective clothing, gloves and eye/face protection. **S45** In case of accident or if you feel unwell, seek medical advice immediately (show label where possible). **S61** Avoid release into the environment. Refer to special instructions/ safety data sheet.

### 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 affected of any hazards given in the data above and any precautions that 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.

**Head Office**  
Holly Lane Industrial Estate  
Atherstone  
Warwickshire  
CV9 2RN  
Tel: 01827 711755  
Fax: 01827 711330

**Irish Distributor**  
Construction Chemical Supplies  
Unit 219  
JFK Road JFK Industrial Est  
Dublin 12  
Tel: 00 353 1 450 3896  
Fax: 00 353 1 450 3298

**Web site: [www.tecroc.co.uk](http://www.tecroc.co.uk)**

**E-mail: [enquiries@tecroc.co.uk](mailto:enquiries@tecroc.co.uk)**