

SAFETY DATA

Issue 3 February 2005

SDS No 117

SBR FRICTION COAT LIQUID COMPONENT

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

Product Name: SBR Friction Coat Liquid
Component
Use: Thin mortar overlay for
friction
Company: Tecroc Products Limited
Holly Lane Industrial Estate
Atherstone,
Warks, CV9 2RN
Tel: 01827 711755
Fax: 01827 711330

2. COMPOSITION / INFORMATION ON INGREDIENTS.

Styrene Butadiene co-polymer dispersion in water.

3. HAZARDS IDENTIFICATION

On available data the component is not classified as
hazardous

4. FIRST AID MEASURES

Eye Contact

Rinse immediately with water for at least 15 minutes. If
irritation persists get medical attention.

Skin Contact

Wash with soap and water.

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.

5. FIRE FIGHTING MEASURES

Component as supplied is water based and non
flammable. The unmixed dried polymer is flammable

Suitable Extinguishing Media

All extinguishing media are suitable.

Exposure Hazards

Prevent contaminated water from entering drains, soil
or surface water. Dispose of contaminated water, 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 liquid with absorbent inert material. Dispose
of as waste.

7. HANDLING AND STORAGE

Handling

Ensure adequate ventilation. Wear suitable protective
clothing and eye/face protection.

Storage

Keep in original container. Keep 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: 100°C approx. as water
Oxidising Properties: N/A
Autoflammability: N/A
Solubility in Water: Miscible in all proportions
Vapour Pressure: As water
Partition Coefficient: N/A
Explosive properties: N/A
Appearance: Milky white liquid
Odour: Faint aromatic
Density: 1.0 approx. as water
Flashpoint: N/A
Ignition: N/A
pH value: 9.0 - 10.0
Viscosity: 1.0 mPas approx. as water

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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

E-mail: enquiries@tecroc.co.uk

SBR FRICTION COAT LIQUID COMPONENT

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	None known
Materials to avoid:	None known
Hazardous Decomposition Products:	Oxides of carbon, heavy smoke or other hazardous gases or vapours.

11. TOXICOLOGICAL INFORMATION

Long term experience of the use of this product type indicates low danger to health when handled under industrial conditions.

Health Effects

Eyes

Can cause irritation

Skin

Can cause irritation

Inhalation

Can cause respiratory irritation

Ingestion

Irritation to the mouth, throat and digestive tract.

Chronic

Repeated skin contact can lead to skin disorders

Other

None known

12. ECOLOGICAL INFORMATION

Prevent contamination of soil, drains or surface water.

Mobility:	Mobile liquid
Solubility:	Miscible in all proportions
Persistence and Degradability:	The product will degrade only slowly in the environment

Bioaccumulative Potential:	There is no known evidence of a tendency for bioaccumulation
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In low concentrations <100mg/litre the product exhibits low toxicity to fish. In higher concentrations the product may be harmful to fish and aquatic life. Low concentrations in water for sewage treatment will not effect the biomass. The polymer particles are adsorbed onto the sludge and eliminated from the waste stream.

13. DISPOSAL CONSIDERATIONS

For large quantities disposal must be carried out under guidance from local and national legislation. Small quantities can be disposed of via a licensed waste contractor.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport.

15. REGULATORY INFORMATION

Symbol: None

Risk Phrases: None

Safety Phrases:

S1/2 Keep locked up and out of the reach of children. S23: Do not breathe vapour. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash with plenty of water. S37/39 Wear suitable gloves and eye/face protection.

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.

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SAFETY DATA

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SDS No 116

SBR FRICTION COAT POWDER COMPONENT

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

Product Name: SBR Friction Coat Powder
Component
Use: Thin mortar overlay for
friction.
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.
Portland Cement CAS 65997-15-1 EEC Symbol Xi.
R Phrases 36/37/38, 41

3. HAZARDS IDENTIFICATION

Irritating to eyes, respiratory system and skin.
Risk of serious damage to eyes.
Contains trace quantities of chromium (VI). May
produce an allergic reaction.

4. FIRST AID MEASURES

Eye Contact

Rinse immediately with water for at least 15 minutes. If
irritation persists get medical attention.

Skin Contact

Wash with soap and water.

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.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

None required as not flammable.

Exposure Hazards

None as not flammable.

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. Avoid air born dust. Place in closable
containers. Dispose of as waste.

7. HANDLING AND STORAGE

Handling

Ensure adequate ventilation. Do not breathe dust and
avoid eye contact.

Storage

Keep in original container. Keep dry.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Protective Measures

No special measures required.

Occupational Exposure Limits

Amorphous silica 8Hour TWA;
Total inhalable dust OES 6mg/m³
Respirable dust OES 2.4mg/m³

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: N/A
Oxidising Properties: N/A
Autoflammability: N/A
Solubility in Water: Forms alkaline mixture
Vapour Pressure: N/A
Partition Coefficient: N/A
Explosive properties: N/A
Appearance: Grey coloured granular powder
Odour: None
Density: Bulk Density 1.5 –1.8 approx
Flashpoint: N/A
Ignition: N/A
pH value: c/a 13 when in aqueous mix
Viscosity: N/A

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10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	None known
Materials to avoid:	None known
Hazardous Decomposition	
Products:	None known

11. TOXICOLOGICAL INFORMATION

Health Effects

Eyes

Can cause burns.

Skin

Causes irritation when wet.

Inhalation

Causes respiratory irritation.

Ingestion

Causes irritation to 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 lungs.

Other

When mixed with water, alkali is released. Precautions should be taken to prevent dry material entering the eyes, mouth and nose and to prevent skin contact with wet material.

12. ECOLOGICAL INFORMATION

Prevent contamination of soil, drains or surface water.

Mobility:	Granular Powder
Solubility:	Forms aqueous mixture
Persistence and Degradability:	Once set long term stable
Bioaccumulative Potential:	Once set long term stable

13. DISPOSAL CONSIDERATIONS

For large quantities disposal must be carried out under guidance from local and national legislation.

Small quantities can be disposed of via a licensed waste contractor.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport.

15. REGULATORY INFORMATION

Symbol: Xi

Contains:
Portland Cement

Risk Phrases:

R36/37/38 Irritating to eyes, respiratory system and skin. R41 Risk of serious damage to eyes.

Safety Phrases:

S1/2 Keep locked up and out of the reach of children. S22: Do not breathe dust. S24/25 Avoid contact with skin and eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash with plenty of water. S37/39 Wear suitable gloves and eye/face protection.

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