

SAFETY DATA

Issue 5 December 2004

SDS No 55

EPOXY FLOOR COATING BASE COMPONENT

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

Product Name: Epoxy Floor Coating
Use: Base component of two part epoxy resin paint system.
Company: Tecroc Products Limited
Holly Lane Industrial Estate
Atherstone,
Warks, CV9 2RN
Tel: 01827 711755
Fax: 01827 711330

2. COMPOSITION / INFORMATION ON INGREDIENTS.

**Liquid Epoxy resin and reactive diluent
Bisphenol-A-epichlorohydrin resin.**
CAS 25068-38-6 EEC Symbol Xi R Phrases 36/38,43
51/53.
Bisphenol-F-epichlorohydrin resin CAS 28064-14-4
EEC Symbol Xi R Phrases 36/38,43, 51/53
Aliphatic Glycidylether CAS 68081-84-5 EEC
Symbol Xi. R Phrases 36/38, 43, 51/53

3. HAZARDS IDENTIFICATION

Irritating to eyes and skin.
May cause sensitisation by skin contact.
Dangerous for the environment.

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 or skin cleansing cream. Do
not use organic solvents.

Inhalation
Move into fresh air.

Ingestion
Get medical attention. Give water to drink **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 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.

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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

E-mail: enquiries@tecroc.co.uk

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 with absorbent inert material. Place in closable
containers. Dispose of as waste.

7. HANDLING AND STORAGE

Handling

Irritant, 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. 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: >150°C
Oxidising Properties: N/A
Autoflammability: >400°C
Solubility in Water: Insoluble.
Vapour Pressure: 1Pa @ 20°C
Partition Coefficient: N/A
Explosive properties: N/A
Appearance: Straw Coloured Liquid.
Odour: Slight Resinous
Density: 1.16g/cm³ @ 20°C
Flashpoint: >150°C
Ignition: N/A
pH value: N/A
Viscosity: 1300 mPas @ 25°C

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EPOXY FLOOR COATING

BASE COMPONENT

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10. STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to avoid:	Static charges
Materials to avoid:	Strong oxidising agents. Strong acids. Strong bases.
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 irritation.

Skin

Causes irritation.

Inhalation

Can cause respiratory irritation.

Ingestion

Causes irritation of mouth throat and digestive tract.

Chronic

Repeated skin contact can lead to skin disorders.

Other

Classified as a skin sensitizer.

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 biodegradable.
Bioaccumulative Potential:	Expected to be bioaccumulative.

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

Not classified as Hazardous for Transport

15. REGULATORY INFORMATION

Symbol: Xi, N

Contains:

Liquid Epoxy resin and reactive diluent
Bisphenol-A-epichlorohydrin resin.
Bisphenol-F-epichlorohydrin resin
Aliphatic Glycidylether

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.

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.

S38: In case of insufficient ventilation wear suitable respiratory equipment.

S61: Avoid release to the environment. Refer to special instruction/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.

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SAFETY DATA

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SDS No 56

EPOXY FLOOR COATING

HARDENER COMPONENT

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

Product Name: Epoxy Floor Coating
Use: Hardener component of two part epoxy resin paint system.
Company: Tecroc Products Limited
Holly Lane Industrial Estate
Atherstone,
Warks, CV9 2RN
Tel: 01827 711755
Fax: 01827 711330

2. COMPOSITION / INFORMATION ON INGREDIENTS.

Cycloaliphatic amine CAS 38294-64-3 EEC Symbol Xn R21/22,34,43.
Isophorone diamine CAS 2855-13-2 EEC Symbol Xn Risk Phrases R21/22,34,43.
Benzyl Alcohol CAS 100-51-6 EEC Symbol C R Phrases 20/21/22,34,43

3. HAZARDS IDENTIFICATION

Harmful by inhalation and if swallowed. Corrosive. May cause 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 or skin cleansing cream. Do not use organic solvents.

Inhalation

Move into fresh air.

Ingestion

Get medical attention. Give water to drink **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 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 with absorbent inert material. Place in closable containers. Dispose of as waste.

7. HANDLING AND STORAGE

Handling

Causes burns, sensitising. Do not breathe vapour. Avoid skin and eye contact. Avoid ignition sources. Ensure adequate ventilation. Do not eat, drink or smoke at work place.

Storage

Keep away from food and drink. 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: Low
Autoflammability: 250°C
Solubility in Water: Miscible @ 20°C
Vapour Pressure: 1.10 Pa@25°C
Partition Coefficient: N/A
Explosive properties: N/A
Appearance: Pigmented Liquid
Odour: Smell of ammonia
Density: c/a 1.13 gram per cc @ 18°C
Flashpoint: >100°C
Ignition: N/A
pH value: 12
Viscosity: 0.5-0.7 Pa.s@25°C

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SAFETY DATA

SDS No 56

EPOXY FLOOR COATING HARDENER COMPONENT

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10. STABILITY AND REACTIVITY

Stability: Stable. Hygroscopic.
Conditions to avoid: Water vapour.
Materials to avoid: Strong oxidising agents.
Strong acids.
Hazardous Decomposition
Products: None expected during normal storage.

11. TOXICOLOGICAL INFORMATION

Health Effects

Eyes

Severe irritation and burns.

Skin

Causes irritation and burns.

Inhalation

Respiratory irritation.

Ingestion

Severe damage to mouth, throat and digestive tract.

Chronic

Repeated skin contact cause burns.

Other

Classified as corrosive.

12. ECOLOGICAL INFORMATION

Prevent contamination of soil, drains or surface water.

Mobility: Mobile liquid.
Solubility: Part Soluble.
Persistence and Degradability: Readily biodegradable.
Some components are persistent.
Bioaccumulative Potential: Expected to be bioaccumulative.

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 1735
Amine, corrosive, Nos (Cycloaliphatic amine)
Class 8
PG III

15. REGULATORY INFORMATION

Symbol: C

Contains:

Cycloaliphatic amine , Isophorone diamine and Benzyl Alcohol

Risk Phrases:

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R34 Causes burns:

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.

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.

S38: In case of insufficient ventilation wear suitable respiratory equipment.

S45 In case of accident or if you feel unwell, seek medical advice immediately. (show the label where possible)

16. OTHER INFORMATION

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