

EPOXY BONDER GP BASE COMPONENT

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

Product Name Epoxy Bonder GP
Use Base component of two part epoxy resin adhesive coating.
Company Tecroc Products Ltd
Holly Lane Ind Est
Atherstone,
Warks, CV9 2RN
Telephone 01827 711755
Fax 01827 711330

2. COMPOSITION / INFORMATION ON INGREDIENTS.

Mineral fillers not classified as hazardous.
Epoxy Resin, Average Molecular Weight <700
CAS 25068-38-6 EEC-Symbol Xi.
R Phrases 36/38,43 51/53

3. HAZARDS IDENTIFICATION

Irritating to eyes and skin.
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 urgently.. **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, Carbon Dioxide, Foam, 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

Irritant, sensitizing. 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 Measures

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	>200°C
Solubility in Water	Insoluble.
Vapour Pressure	Low
Partition Coefficient	N/A
Explosive Properties	N/A
Appearance	Off white paste
Odour	Slight.
Density	1.5g/cc at 20°C
Flashpoint	>130°C
Ignition	N/A
pH Value	N/A
Viscosity	700 Pas, at 25°C

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SAFETY DATA

Issue 4 December 2004

SDS No 217

EPOXY BONDER GP BASE COMPONENT

10. STABILITY AND REACTIVITY

Stability: Stable, Thermal Decomposition >200°C

Conditions to avoid: Static Charges

Materials to avoid: Strong Acids, Strong Bases,
Strong Oxidising Agents.

Hazardous Decomposition Products:

Thermal decomposition or burning may
release oxides of carbon or other hazardous
gases or vapours.

11. TOXICOLOGICAL INFORMATION

Health Effects

Eyes

Causes irritation.

Skin

Causes irritation. Can cause sensitisation.

Inhalation

Can cause respiratory irritation.

Ingestion

Causes irritation of the 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	Off white paste
Solubility	Insoluble in water.
Persistence and Degradability	Not expected to be readily 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

Proper shipping name: Environmentally hazardous
substance, liquid n.o.s.

RID/ADR : UN3082 CL9 PGIII

IMDG Code UN3082 CL9 PGIII

ICAO: UN3082 CL9 PGIII

Flashpoint: >130°C.

15. REGULATORY INFORMATION

Symbol Xi

Contains

Epoxy resin average molecular weight <700.

Risk Phrases

R36/38 Irritating to eyes and skin. R43 May cause
sensitisation by skin contact. R52/53 Harmful 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 with
plenty of soap and 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 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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SAFETY DATA

SDS No 257

EPOXY BONDER GP

HARDENER COMPONENT

Issue 4 December 2004

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

Product Name: Epoxy Bonder GP
Use: Hardener component for two part epoxy resin adhesive coating
Company: Tecroc Products Limited
Holly Lane Industrial Estate
Atherstone,
Warks, CV9 2RN
Tel: 01827 711755
Fax: 01827 711330

2. COMPOSITION / INFORMATION ON INGREDIENTS.

Mineral fillers not classified as hazardous.
Modified aliphatic polyamine preparation contains:
Diethylenetriamine CAS 111-40-0 EEC symbol C
R Phrases 21/22,34,43:
Benzyl Alcohol CAS 100-51-6
EEC Symbol Xn R Phrases 20/22

3. HAZARDS IDENTIFICATION

Harmful by inhalation and if swallowed. Causes burns.
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. Get medical attention.

Ingestion

Get medical attention urgently. **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. Avoid ignition sources.

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, sensitisation. Harmful. Do not breathe vapour. 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: 191°C
Oxidising Properties: N/A
Autoflammability: N/A
Solubility in Water: Partly Soluble @ 20°C
Vapour Pressure: 100 Pa @ 20°C
Partition Coefficient: N/A
Explosive properties: N/A
Appearance: Liquid
Odour: Smell of ammonia
Density: c/a 1gm per cc @ 25°C
Flashpoint: c/a 113°C DIN 51758
Ignition: N/A
pH value: N/A
Viscosity: 40-80 mPs @ 25°C

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EPOXY BONDER GP

HARDENER COMPONENT

Issue 4 December 2004

10. STABILITY AND REACTIVITY

Stability: Stable.
Thermal decomposition >200°C
Conditions to avoid: Static discharges.
Materials to avoid: Strong oxidising agents. Strong Acids and Bases

Hazardous Decomposition Products: Oxides of carbon and nitrogen, smoke or other hazardous gases or vapours.

11. TOXICOLOGICAL INFORMATION

Information used to assess health effects: LD50 acute oral toxicity in rats: 2000mg/kg. Eye irritation test on rabbits: Corrosive. Skin irritation test on rabbits: Corrosive. Skin sensitization on guinea pigs: Causes sensitization.

Health Effects

Eyes

Severe irritation and burns.

Skin

Causes skin irritation and burns.

Inhalation

Vapour irritating to respiratory tract.

Ingestion

Severe damage to mouth throat and digestive tract.

Chronic

Repeated skin contact can cause burns.

Other

Classified as corrosive.

12. ECOLOGICAL INFORMATION

Prevent contamination of soil, drains or surface water.

Mobility: Mobile liquid.
Solubility: Miscible with 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

Proper shipping name: Corrosive Liquid n.o.s.
RID/ADR : UN1760 CL8 PGIII
IMDG-Code : UN1760 CL8 PGIII
ICAO : UN1760 CL8 PGIII
Flashpoint : c/a 113°C DIN 51758

15. REGULATORY INFORMATION

Symbol: C

Contains:

Diethylenetriamine and benzyl alcohol.

Risk Phrases:

R34 Causes burns, R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
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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