

EPOXY ADHESIVE 305 BASE COMPONENT

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

Product Name	Epoxy Adhesive 305
Use	Base component of three part epoxy resin adhesive and repair mortar.
Company	Tecroc Products Ltd Holly Lane Ind Est Atherstone, Warks, CV9 2RN
Telephone	01827 711755
Fax	01827 711330

2. COMPOSITION / INFORMATION ON INGREDIENTS.

Epoxy Resin Average Molecular Weight <700; CAS 25068-38-6; EEC Symbol Xi, N; R Phrases 36/38-43-51/53
Bisphenol-F-epichlorohydrin CAS 55492-52-9; EEC Symbol Xi, N; R Phrases 36/38-43-51/53
Oxirane CAS 68609-97-2; EEC Symbol Xi; R Phrases 38-43

3. HAZARDS IDENTIFICATION

Irritating to eyes and skin, may cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long term adverse effects in the aquatic 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 – 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 jets.

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 insert 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 Measures

None assigned.

Respiratory Protection

In case of insufficient ventilation wear suitable respiratory equipment (eg filter AX)

Hand Protection

Plastic gloves to CE category III (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	N/A
Autoflammability	N/A
Solubility in Water	Insoluble
Vapour Pressure	1 Pa at 20°C
Partition Coefficient	N/A
Explosive Properties	N/A
Appearance	Yellowish Liquid
Odour	Slight
Density	1.1g/cm ³ @ 23°C
Flashpoint	138°C DIN51758
Ignition	N/A
pH Value	N/A
Viscosity	950 mPas @ 23°C

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EPOXY ADHESIVE 305 BASE COMPONENT

10. STABILITY AND REACTIVITY

Stability	Stable, Thermal Decomposition >200°C
Materials to avoid	Strong Acids, Strong bases, strong Oxidising agents.
Hazardous Decomposition Products	Thermal decomposition or burning may release oxides of carbon and other hazardous gases or vapours.

11. TOXICOLOGICAL INFORMATION

Information used to assess health effect.
LD50 Acute Oral Toxicity in Rats: >5000mg/kg.
Eye Irritation in Rabbits: Non irritant.
Skin Irritation in Rabbits : >2000mg/kg.
May cause sensitisation by skin contact.

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 sensitiser.

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.
Bioaccumulative Potential	Expected to be Bioaccumulative.
Other	Toxic for fish

13. DISPOSAL CONSIDERATIONS

European waste codes: 08 00 00, 08 02 00, 08 02 99

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 disposal site. Contaminated
Packaging must be disposed 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	>150°C

15. REGULATORY INFORMATION

Symbol Xi, N

Contains

Epoxy Resin Average Molecular Weight <700
Bisphenol-F-Epichlorohydrin
Oxirane

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

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 immediately with
plenty of water.
S37/39 Wear suitable gloves and eye/face protection.
S60 This material and it's container must be disposed of
as hazardous waste.

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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EPOXY ADHESIVE 305 FILLER COMPONENT

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

Product Name Epoxy Adhesive 305
Use Filler component of three part epoxy resin adhesive and repair 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 and inert fillers and pigments.
Not classified as hazardous.

3. HAZARDS IDENTIFICATION

Air born dust.

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

None required as not flammable.

Unsuitable Extinguishing Media

None required as not flammable

Exposure Hazards

None as not flammable.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Do not breathe dust. 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. Avoid eye contact.

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

Amorphous Silica 8 Hour TWA; Limits Total Inhalable Dust OES 6.0mg/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	Insoluble.
Vapour Pressure	N/A
Partition Coefficient	N/A
Explosive Properties	N/A
Appearance	Granular Powder
Odour	None
Density	Bulk Density 1.6 approx
Flashpoint	N/A
Ignition	N/A
pH Value	N/A
Viscosity	N/A

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EPOXY ADHESIVE 305 FILLER COMPONENT

10. STABILITY AND REACTIVITY

Stability: Stable
Conditions to avoid: Static Charges
Materials to avoid: None
Hazardous Decomposition Products: None.

11. TOXICOLOGICAL INFORMATION

Health Effects

Eyes

May cause irritation.

Skin

May cause irritation.

Inhalation

Can cause respiratory irritation.

Ingestion

May cause 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 in water.

Persistence and degradability Not applicable.

Bioaccumulative potential Not applicable

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 dangerous for transport.

15. REGULATORY INFORMATION

Not classified as dangerous for supply.

Risk Phrases

None

Safety Phrases

S1/2 Keep locked up and out of the reach of children. S22 Do not breathe dust. 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.

EPOXY ADHESIVE 305 HARDENER COMPONENT

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

Product Name	Epoxy Adhesive 305
Use	Hardener component of three part epoxy resin adhesive and repair mortar.
Company	Tecroc Products Ltd Holly Lane Ind Est Atherstone, Warks, CV9 2RN
Telephone	01827 711755
Fax	01827 711330

2. COMPOSITION / INFORMATION ON INGREDIENTS.

Aliphatic Polyamine Mixture containing
Trimethylhexamethylene Diamine CAS 25620-58-0
EEC – symbol C
R Phrases R21/22-34-43-52/53

3. HAZARDS IDENTIFICATION

Causes Burns. Harmful in contact with skin and 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 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 jets.

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 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	>200°C
Oxidising Properties	N/A
Autoflammability	N/A
Solubility in Water	Miscible
Vapour Pressure	2 Pa at 20°C
Partition Coefficient	N/A
Explosive Properties	N/A
Appearance	Clear Liquid
Odour	Of ammonia.
Density	0.93g/cc @ 25°C
Flashpoint	114°C DIN 51758
Ignition	N/A
pH Value	c/a 11, 1:1 aq.
Viscosity	15 to 20 m Pas @ 25°C

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EPOXY ADHESIVE 305 HARDENER COMPONENT

10. STABILITY AND REACTIVITY

Stability	Stable, thermal decomposition >200°C
Conditions to avoid	Static charges.
Materials to avoid	Strong bases, strong Oxidising agents, strong acids.
Hazardous Decomposition Products	Ammonia, oxides of nitrogen, oxides of carbon or other hazardous gases or vapours.

11. TOXICOLOGICAL INFORMATION

Information used to assess health effects:-
LD50 acute oral toxicity in rats, 850 mg/kg
Eye irritation tested on rabbits, Corrosive.
Skin irritation tested on rabbits, Corrosive.
Skin sensitisation on guinea pigs, May cause sensitisation by skin contact.

Health Effects

Eyes

Severe irritation and burns.

Skin

Irritation and burns.

Inhalation

Causes respiratory irritation.

Ingestion

Severe damage to mouth, throat and digestive tract.

Chronic

Repeated skin contact causes 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 products must be disposed of via a licensed waste contractor to a licensed disposal site. Contaminated Packaging must be disposed of via a licensed waste contractor.

14. TRANSPORT INFORMATION

Proper shipping name: Trimethylhexamethylene Diamine

RID/ADR	UN2327 CL8 PGIII
IMDG-Code	UN2327 CL8 PGIII
ICAO	UN2327 CL8 PGIII
Flashpoint	114°C DIN 51758

15. REGULATORY INFORMATION

Symbol C

Contains

Trimethylhexamethylene Diamine.

Risk Phrases

R34 Causes burns. R21/22 Harmful in contact with skin and if swallowed. 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. 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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