

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

Product Name: **STRUCTURAL EPOXY – THIXOTROPIC PART A**
Company: **Property Repair Systems, Unit 3, Olympus Business Park, Newton Abbot, Devon, TQ12 2SN**
Chemical Name & Synonyms: Hardener component for Thixotropic base
For Information: 01626 331351 (9.00 AM - 5.00 PM)
In an Emergency: As above

2. HAZARDS IDENTIFICATION

Causes burns. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Possible risk of impaired fertility Possible risk of harm to the unborn child.

Signs and Symptoms of Exposure (Acute Effects) In contact with skin and eyes causes severe irritation. Can lead to sensitisation.

Signs and Symptoms of Exposure (Possible Long Term Effects) Soreness, red skin, rash, may cause sensitisation by skin contact.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components:	Cas Number	Percentage	Warning symbol	Risk phrases
Nonylphenol	25154-52-3	25 -50%	N, C	R22, R34, R50/53, R62, R63
N-(2-aminoethyl)-piperazine	140-31-8	10 - 30%	Xn, C	R21/22, R34 R43 R52/53
3,6-Diazaoctaneethylenediamine	112-24-3	1 - 5 %	C;	R34 Xn; R21 Xi; R43 R52/53

4. FIRST AID MEASURES

Summon immediate medical assistance after contact with skin, eyes, inhalation or ingestion.

Eye: Immediately flush eyes with running water for at least 15 minutes. If irritation persists seek medical advice.

Skin: Remove contaminated clothing. Wash affected area with soap and water. If irritation persists seek medical attention.

Ingestion: Do not induce vomiting. Rinse mouth and drink plenty of water. Seek medical attention.

Inhalation: Remove to fresh air and rest.

First Aiders should protect themselves from exposure (Ref to Section 8).

5. FIRE FIGHTING MEASURES

Extinguishing Media: Water spray, Dry powders, CO₂ and Foam.

Exposure Hazards: In case of a fire, aside from the major combustion products Carbon Dioxide and Carbon Monoxide other Harmful gases and vapours may be formed, including nitrous oxides.

Fire Fighting Equipment: Wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Avoid skin and eye contact. Prevent from entering sewer system, surface water or soil. Scrape up and transfer into a suitable container for disposal.

Refer to section 5, 8 and 13 for Protective Measures and Disposal.

7. HANDLING AND STORAGE

Store in a cool dry area away from direct sunlight, heat and sources of ignition. Use in a well ventilated area. Wash hands after contact.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS. NONE ASSIGNED

Respiratory: Not normally required during normal use.
Ingestion: N/A during normal use
Skin Protection: Protective gloves of PVC or rubber
Eye Protection: Safety glasses

9. PHYSICAL/CHEMICAL PROPERTIES

Appearance:	Thick off white	Odour:	Ammoniacal
Viscosity:	N/A	Specific Gravity:	1.05g/cm ³ at 20°C
Boiling Point/Range:	200°C	Melting Point/Melting Range:	N/A
Flash Point:	110°C	Flammability:	Will burn if involved in a fire
Auto-Flammability:	Above boiling point	Explosive Properties:	None
Oxidising Properties:	None	Vapour Pressure:	N/A
Evaporation Rate:	N/A	Solubility:	Insoluble in/with water Soluble in/with organic solvents

10. STABILITY AND REACTIVITY

Stability: Stable
Materials to Avoid: Keep away from oxidising agents, strong acids and alkalis.
Hazardous Decomposition: Oxides of carbon and nitrogen
Hazardous Polymerisation's: None

11. TOXICOLOGICAL INFORMATION

Oral: LD50 (rat) not determined.
Inhalation: Not during normal use.
Eye: Severe irritation. Causes burns.
Skin: Causes burns, can cause sensitisation. On prolonged skin contact

12. ECOLOGICAL INFORMATION

Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

In uncured state dispose as chemical waste in accordance with local regulations. In cured state when correctly mixed with part B Resin component dispose as solid waste.

14. TRANSPORT INFORMATION

Corrosive solid, N.O.S., (Aminoethyl piperazine). Class: 8, Packing group: III, U.N.No: 1759.

15. REGULATORY INFORMATION

Labelling:	Symbols: Corrosive (C), Dangerous for the environment (N) Contains Aminoethylpiperazine and Nonylphenol
Risk phrases	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. R62 Possible risk of impaired fertility R63 Possible risk of harm to the unborn child
Safety phrases	S2 Keep out of reach of children S24/25 Avoid contact with skin and eyes. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S61 Avoid release to the environment. Refer to special instructions/safety data sheet.
	Precautionary phrases

16. OTHER INFORMATION

Risk phrases used in section 3 and not stated in section 15:

R21/22	Harmful in contact with skin and if swallowed.
R20/22	Harmful by inhalation and if swallowed.
R22	Harmful if swallowed
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Date: August 2009

The above information is believed to be correct, but does not purport to be inclusive and shall be used only as a guide. Oxera Repair Products shall not be held liable for any damage resulting from handling or from contact with the above product.