

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

Product Name: STRUCTURAL EPOXY – POURING RESIN PART A
Company: Property Repair Systems, Unit 3, Olympus Business Park, Newton Abbot, Devon, TQ12 2SN.
Chemical Name & Synonyms: Cycloaliphatic amine hardener
For Information: 01626 331351 (9.00 AM - 5.00 PM)
In an Emergency: As above

2. HAZARDS IDENTIFICATION

Causes burns. Harmful by inhalation, in contact with skin and if swallowed. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Signs and Symptoms of Exposure (Acute Effects)

Contact of product with the eyes or skin quickly causes severe irritation and may cause burns, narcosis and permanent injury. Inhalation of vapours may severely damage tissue and produce scarring. Vapour in low concentrations can cause lacrimation, conjunctivitis and corneal edema when absorbed into the tissue of the eye. Inhalation of vapours may cause irritation in the respiratory tract. Coughing and chest pain may result.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components:	Cas Number	Percentage	Classification
Benzene 1,3 Dimethanamine	1477-55-0	5 - 10 %	C; R35 Xn; R20/22, R43, R52/53
3-Aminomethyl-3,5,5-Trimethylcyclohexylamine	2855-13-2	25 - 50 %	C; R34 Xn; R21/22 Xi; R42 R52/53
Benzyl Alcohol	100-51-6	10 - 30%	Xn,R20/22

4. FIRST AID MEASURES

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

Eye: Flush eyes with plenty of water. Seek medical advice.
Skin: Remove product and contaminated clothing and wash area with water. Seek medical advice. Except in most minor, superficial or localised burns cover the affected area with a sterile dressing or a clean sheeting. DO NOT APPLY GREASES OR OINTMENTS.
Ingestion: Drink plenty of water. DO NOT INDUCE VOMITING. Seek medical attention immediately.
Inhalation: Remove patient to fresh air. If breathing has stopped give assisted respiration. Prevent aspiration of vomit. Turn victims head to one side. Seek medical advice.

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

5. FIRE FIGHTING MEASURES

Extinguishing Media: Ignition will give rise to class B fire. In case of fire use Water spray, Dry chemical, CO₂ or Alcohol foam.
Exposure Hazards: May generate toxic, irritating or flammable combustion products. Sudden reaction and fire may result if mixed with an oxidising agent.
Fire Fighting Equipment: Wear self contained breathing apparatus, rubber boots, gloves and body suit.

6. ACCIDENTAL RELEASE MEASURES

Avoid contamination of ground and surface waters. Soak up liquid with absorbent material and transfer into a suitable container. Wash area with water.
Refer to section 5, 8 and 13 for Protective Measures and Disposal.

7. HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Handle in well ventilated area. Avoid breathing vapours. Wash hands after contact. Keep container tightly closed in a cool, well ventilated area. Keep away from oxidisers, heat or flames.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS.

Respiratory: Not required during normal use.
Ingestion: Not during normal use.
Skin Protection: Protective clothing should be worn to avoid skin contact
Eye Protection: Safety goggles.

9. PHYSICAL/CHEMICAL PROPERTIES

Appearance:	Amber fluid	Odour:	Ammoniacal, fishy
Viscosity:	100 cps at 25°C	Specific Gravity:	1.00 g/cm ³ at 20°C
Boiling Point/Range:	>200°C	Melting Point/Melting Range:	-18°C
Flash Point:	>100°C	Flammability:	N/A
Auto-Flammability:	N/D	Explosive Properties:	N/D
Oxidising Properties:	N/D	Vapour Pressure:	N/D
Evaporation Rate:	N/D	Solubility:	Insoluble in water
pH:	Alkaline	Partition Coefficient:	N/D
Di-Electric Strength:	N/D	Additional Information:	

10. STABILITY AND REACTIVITY

Stability:	Stable.
Materials to Avoid:	Oxidising agents - cleaning solutions. Acids. A reaction accompanied by large heat release occurs when the product is mixed with acids.
Hazardous Decomposition:	Carbon monoxide, Carbon Dioxide in a fire. Ammonia when heated. Nitrogen oxides in a fire. Combustion in an oxygen starved environment produces numerous toxic products including nitriles and amides.
Hazardous Polymerisations:	None.

11. TOXICOLOGICAL INFORMATION

Oral:	No Data
Inhalation:	N/A during normal use.
Eye:	Severe irritant. May cause burns.
Skin:	Severe irritant. May cause burns.

12. ECOLOGICAL INFORMATION

Do not allow to enter water course. Waste from this product may present long term environmental hazards. Thus landfill sites must be considered less acceptable than incineration. Harmful 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 mixed correctly with Part B, dispose as solid waste.

14. TRANSPORT INFORMATION

UN No. 2735. Class: 8 P.G.: III. Technical name: Amine, liquid, corrosive, N.O.S.

Limited Quantity – only contains 300cc per 2.5 litre 3 part product pack

NOT covered under the Transport of Dangerous Goods Act due to Limited Quantity.

15. REGULATORY INFORMATION

Labelling:	Corrosive (C), Harmful (Xn),
R-Phrases (R34)	Causes burns
(R20/21/22)	Harmful by inhalation, 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.
S-Phrases (S2)	Keep out of 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
(45)	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.

16. OTHER INFORMATION

Risk phrases used in section 3 and not previously mentioned:

R20/22 - Harmful by inhalation and if swallowed

R21/22 - Harmful in contact with skin and if swallowed

Date of Preparation: March 2009

The information contained within this document is furnished without warranty of any kind. Users should consider this data only as a supplement of other information gathered by them and make independent determinations of suitability and completeness of information from all sources to ensure proper use and disposal of these materials and the safety of employees customers.

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