

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

Product Name: THIXOTROPIC SLOW SET EPOXY RESIN BASE
Company: Property Repair System, Unit 3, Olympus Business Park, Kingsteignton Road, Newton Abbot, Devon TQ12 2SN
Chemical Name & Synonyms: Formulated Epoxy Resin
For Information: 01626 331 351
In an Emergency: As above

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components:	Cas Number
Bisphenol A/F epoxy resin	40216-08-8
Average molecular weight <700	
C ₁₃ C ₁₅ glycidyl ether	68609-97-2

3. HAZARDS IDENTIFICATION

Irritating to eyes and skin. May cause sensitisation by skin contact. May cause long term adverse effects in the aquatic environment.
Signs and Symptoms of Exposure (Acute Effects) In contact with skin and eyes causes irritation. Can lead to sensitisation
Signs and Symptoms of Exposure (Possible Long Term Effects) Soreness. Red skin. Rash. May cause sensitisation.

4. FIRST AID MEASURES *Summon immediate medical assistance after contact with skin, eyes, inhalation or ingestion.*

Eye: Immediately flush eyes with plenty of running water for at least 15 minutes. If irritation persists, seek medical advice.
Skin: Remove contaminated clothing immediately. 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 person to fresh air.
First Aiders should protect themselves from exposure (Ref to Section 8).

5. FIRE FIGHTING MEASURES

Extinguishing Media: Water spray, Dry powder, 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.
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. For small spills scrape up and transfer into a suitable container. Wash area with water and detergent.
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 goggles.

9. PHYSICAL/CHEMICAL PROPERTIES

Appearance:	Green Paste	Odour:	Weak
Viscosity:	N/A	Specific Gravity:	1.10 g/cm ³ at 20°C
Boiling Point/Range:	100°C	Melting Point/Melting Range:	N/A
Flash Point:	130°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
pH:	Neutral	Partition Coefficient:	No data
Di-Electric Strength:	No data	Additional Information:	

10. STABILITY AND REACTIVITY

Stability:	Stable
Materials to Avoid:	Acids. May react under considerable heat build up with amines and mercaptans. Acids.
Hazardous Decomposition:	None
Hazardous Polymerisations:	None

11. TOXICOLOGICAL INFORMATION

Oral:	LD ₅₀ (oral) not determined. Values for the individual components are in the range of >2000 mg/kg.
Inhalation:	Not during normal use.
Eye:	Severe irritation.
Skin:	Irritant. Can cause sensitisation.

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 mixed correctly with activator component, dispose as solid waste.

14. TRANSPORT INFORMATION

Road Transport:	Class:	9, Packing group: III
	UN No:	3077
		Environmentally hazardous substance, solid, n.o.s. (epoxy resin)

15. REGULATORY INFORMATION

Labeling:	Irritant (Xi), Dangerous for the environment (N)
R-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.
S-Phrases (S2)	Keep out of reach of children
(S24/25)	Avoid contact with skin and eyes
(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
(S46)	If swallowed seek medical advice immediately and show this container or label.
(S61)	Avoid release to the environment. Refer to special instructions/safety data sheet.

16. OTHER INFORMATION

Date of Preparation: August 2003

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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