

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

**Product Name:** **STRUCTURAL EPOXY - POURING RESIN PART B**  
**Company:** Property Repair Systems, Unit 3, Olympus Business Park, Newton Abbot, Devon, TQ12 2SN  
**Chemical Name & Synonyms:** Modified epoxy resin  
**For Information:** 01626 331351 (9.00 AM - 5.00 PM)  
**In an Emergency:** As above

## 2. 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

**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.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components:	Cas Number	Percentage	Classification
Bisphenol A/F Epoxy resin	25068-38-6/28064-14-4	50 – 100%	Xi; R36/38-43- 51/53
Alkyl Glycidyl Ether	68609-97-2	5 – 20%	Xi; R38-43- 51/53

## 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, CO<sub>2</sub> 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 large amounts dike spilled product with liquid absorbing material and pump off. For small spills soak up 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

Store in a cool dry area between 10<sup>o</sup>C and 30<sup>o</sup>C away from direct sunlight, heat and sources of ignition – no smoking. Use in a well ventilated area. Wash hands after contact.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION OCCUPATIONAL EXPOSURE LIMITS.

**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

<b>Appearance:</b>	Coloured liquid	<b>Odour:</b>	Weak
<b>Viscosity:</b>	Thick liquid	<b>Specific Gravity:</b>	> 1 g/ cm <sup>3</sup> at 20°C
<b>Boiling Point/Range:</b>	170°C	<b>Melting Point/Melting Range:</b>	N/A
<b>Flash Point:</b>	> 150°C	<b>Flammability:</b>	Will burn if involved in a fire
<b>Auto-Flammability:</b>	Above boiling point	<b>Explosive Properties:</b>	None
<b>Oxidising Properties:</b>	None	<b>Vapour Pressure:</b>	N/A
<b>Evaporation Rate:</b>	N/A	<b>Solubility:</b>	Insoluble in/with water
<b>pH:</b>	Neutral		Soluble in/with organic solvents
<b>Partition Coefficient:</b>	No data	<b>Di-Electric Strength:</b>	No data

**Additional Information:**

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

<b>Oral:</b>	LD <sub>50</sub> (rat) (95% in Acetone) 11.4 g/kg.
<b>Inhalation:</b>	Not during normal use.
<b>Eye:</b>	Severe irritation.
<b>Skin:</b>	Irritant. Can cause sensitisation.

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

Environmentally hazardous substance, liquid, N.O.S.,(epoxy resin).U.N.No: 3082. Class: 9. Packing group: III

15. REGULATORY INFORMATION

<b>Labelling:</b>	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.
	Precautionary phrase (P5)	Contains epoxy constituents. See information supplied by the manufacturer

16. OTHER INFORMATION

Risk phrases used in section 3 and not previously mentioned:

R38 - Irritating to skin

**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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