



# MATERIAL SAFETY DATA SHEET

## 3-5 MINUTE EPOXY (EPOXY)

### 1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

**Product Name:** 3- 5 min Epoxy, our reference EPOXY  
**Chemical Name & Synonyms:** Mixture of Bisphenol A and Bisphenol F Epoxy Resins

**Manufacturers, Name:** LimbTex Ltd Tel/Fax: 0116 2785440  
**Suppliers** Unit 1 Elizabeth Business Park, Tigers Close  
South Wigston Leicestershire LE18 4WS

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components:	CAS Number	Percentage
BPF Epoxy Resin	55492-52-9	50-100
BPA Epoxy Resin	25068-38-6	25-50

### 3. HAZARDS IDENTIFICATION

Irritating to the skin and eyes. May cause sensitisation by skin contact.  
**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:** Flush with clean water for 15 minutes. If irritation persists, seek medical advice.  
**Skin:** Remove any contaminated clothing. Wash the affected area thoroughly with copious amounts of soapy water.  
If irritation persists seek medical advice.

**Ingestion:** Do not induce vomiting. Rinse mouth and drink plenty of water and seek medical advice.  
**Inhalation:** Remove to fresh air and rest. Seek medical help if patient is slow to recover.

*First aiders should protect themselves from exposure (Ref to section 8)*

### 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Water spray, Dry powders, 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. 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 known  
**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:** Clear - Light Yellow Liquid  
**Odour:** Nearly Odourless  
**Viscosity:** 7000 mPas  
**Specific Gravity:** 1.18g/cm<sup>3</sup> at 20°C  
**Boiling Point/Range:** > 200°C  
**Melting Poin/Melting Range:** N/A  
**Flash Point:** > 100 °C  
**Flammability:** Will burn if involved in a fire  
**Auto-Flammability:** Above boiling point  
**Explosive Properties:** None  
**Oxidising Properties:** None

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Vapour Pressure:	N/A
Evaporation Rate::	N/A
Solubility	Insoluble in water
pH:	N/A
Partition Coefficient:	N/A
Di-Electric Strength:	N/A
Additional Information:	
10. STABILITY AND REACTIVITY	
Stability:	Stable
Materials to Avoid:	May react under considerable heat build up with amines and mercaptans. Acids.
Hazardous Decomposition:	None
Hazardous Polymerisation's:	None
11. TOXICOLOGICAL INFORMATION	
Oral:	LD50 not determined
Inhalation:	Irritant to mucous membranes
Eyes:	Severe irritation
Skin:	Irritant, can cause sensitisation
12. ECOLOGICAL INFORMATION	
Water hazard class 1. Slightly hazardous for water. Prevent from entering sewer system or soils.	
13. DISPOSAL CONSIDERATIONS	
In uncured state dispose as chemical waste in accordance with local regulations. In cured state when correctly mixed with activator component dispose as solid waste.	
14. TRANSPORT INFORMATION	
Not classed as dangerous goods within the meaning of national and international transport regulations.	
15. REGULATORY INFORMATION	
Labelling:	Irritant (Xi)
R-phrases	R36/38 Irritant to eyes and skin R43 May cause sensitisation by skin contact
S-phrases	(S24) Avoid contact with skin (S25) Avoid contact with 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 soap and water. S37/39 Wear suitable protective clothing, gloves and eye/face protection.
16. OTHER INFORMATION	
Our ref: MSDS	
Date of Preparation:	10 November 1995
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