

# **ANGLO BUILDING PRODUCTS LTD**

**BRANKSOME HOUSE, FILMER GROVE, GODALMING, SURREY GU7 3AB**

**TEL: 01483 427 777**

**FAX: 01483 428 888**

## **MATERIAL SAFETY DATA SHEET**

**PAGE: 1/3**

**REVISION ( ): 26/06/06**

### **1 PRODUCT NAME: Epoxy Repair Mortar Deep Fill Resin**

#### **2 CHEMICAL COMPOSITION:**

	CAS No.	Wt%	Symbol	R Phrases
Silica Sand	14808-60-7	90%	-	-
Epoxy Resin	40216-08-8	<10%	Xi, N	36/38, 43, 51/53

#### **3 HAZARDS IDENTIFICATION:** Irritating to eyes and skin. May cause sensitisation by skin contact. Harmful to aquatic organisms.

#### **4 FIRST AID MEASURES:**

- 4.1 General Advice: Remove contaminated clothing.
- 4.2 Inhalation: Remove to fresh air.
- 4.3 Eye Contact: Rinse with copious amounts of water and seek immediate attention.
- 4.4 Skin Contact: Wash immediately with plenty of soap and water.
- 4.5 Ingestion: Rinse out mouth with water. Do not induce vomiting. Give water to drink and seek immediate medical attention.

#### **5 FIRE PRECAUTIONS:**

- 5.1 Extinguishing Media: Carbon dioxide, foam, dry chemical or water spray.
- 5.2 Extinguishing Media NOT to be used: -
- 5.3 Product Combustion Hazards: -
- 5.4 Special Protective Equipment for Firefighters:-

#### **6 SPILLAGE:**

- 6.1 Personal Precautions: Remove all sources of ignition, ensure good ventilation. Wear suitable protective clothing and eye protection.
- 6.2 Environmental Precautions: Prevent soil, drains or surface water contamination.
- 6.3 Removal of Spillage: Absorb in earth or sand.
- 6.4 Further Advice: -

**PRODUCT: EPOXY REPAIR MORTAR DEEP FILL RESIN**

**PAGE: 2/3**

**REVISION ( ): 26/06/06**

**7 HANDLING & STORAGE:**

- 7.1 Safe Handling: Avoid sources of ignition. Wear suitable protective clothing. When using do not eat, drink or smoke.
- 7.2 Safe Storage: Store in a dry, well ventilated area. Avoid extremes of temperature. Avoid sources of ignition. Keep out of reach of children.

**8 PERSONAL PROTECTION:**

- 8.1 Respiratory Protection: Wear suitable vapour mask if prolonged exposure to vapour likely.
- 8.2 Hand Protection: Solvent resistant gloves. Seek advice from glove suppliers and follow their advice.
- 8.3 Eye Protection: Safety glasses.
- 8.4 Skin Protection: Long sleeved clothing.

**9 PHYSICAL & CHEMICAL PROPERTIES:**

- 9.1 Appearance: Granular solid
- 9.2 Odour: Faint
- 9.3 Colour: Sand
- 9.4 Boiling Point/Range: -
- Flash Point: >200 C
- Auto Ignition Temp: -
- Oxidising Properties: -
- Relative Density: >2 g / c.c.
- Melting Point/Range: -
- Flammability(solid, gas): -
- Explosive Limits: -
- Vapour Pressure: <0.001 Pa @ 20 C
- Water Solubility: Insoluble
- Other Data: -
- Solvent Content: 0%

**10 STABILITY & REACTIVITY:**

- 10.1 Conditions to avoid: -
- 10.2 Materials to avoid: Strong acids, bases and oxidising agents.
- 10.3 Hazardous Decomposition Products: Carbon dioxide, CO.

**11 TOXICOLOGICAL INFORMATION:**

- 11.1 Toxicity: LD50 Oral: >5000 mg / kg
- LD50 Skin: -
- Skin Irritation: -
- Sensitisation: -
- Inhalation: -
- Recommended Exposure Limit: -

12 **ECOLOGICAL INFORMATION:**

Prevent contamination of soil, drains or surface water.  
This preparation has been assessed following the conventional method in CHIP and is classified for ecological effects accordingly. See Sections 2 and 15 for details.

13 **SAFE DISPOSAL:**

13.1 Product: Absorb in earth or sand and dispose of as chemical waste.

13.2 Container: Dispose of as normal waste.

14 **TRANSPORT INFORMATION:** Not classified as hazardous for transport.

15 **REGULATORY INFORMATION:** IRRITANT Xi

*R phrases*

36/38: Irritating to eyes and skin.  
43: May cause sensitisation by skin contact.  
52/53: Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

*S phrases*

2: Keep out of the reach of children.  
25: Avoid contact with eyes.  
28: After contact with skin, wash immediately with plenty of soap and water.  
37/39: Wear suitable gloves and eye / face protection.  
Other Data: Contains epoxy constituents. See information supplied by the manufacturer.

16 **OTHER INFORMATION: -**

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provided guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

See also MSD sheets for Epoxy Repair Mortar Deep Fill Curing Agent.

# **ANGLO BUILDING PRODUCTS LTD**

**BRANKSOME HOUSE, FILMER GROVE, GODALMING, SURREY GU7 3AB**

**TEL: 01483 427 777**

**FAX: 01483 428 888**

## **MATERIAL SAFETY DATA SHEET**

**PAGE: 1/ 3**

**REVISION ( ): 26/06/06**

### **1 PRODUCT NAME: Epoxy Repair Mortar Deep Fill Curing Agent**

### **2 CHEMICAL COMPOSITION: Polyamine epoxy curing agent containing:-**

		Wt%	Symbol	R Phrases
Polyamido-Amine	EC 203-950-6	>50%	C	34, 43
	EC 203-966-2			
Cycloaliphatic	EC 202-859-9	<50%	C	20/22, 34, 43
Amine	EC 216-032-5			

### **3 HAZARDS IDENTIFICATION: Corrosive to skin and eyes.**

### **4 FIRST AID MEASURES:**

- 4.1 General Advice: -
- 4.2 Inhalation: Remove to fresh air. In case of breathing difficulties seek medical attention.
- 4.3 Eye Contact: Rinse with water for fifteen minutes and seek medical attention.
- 4.4 Skin Contact: Wash off immediately. Remove contaminated clothing - seek medical advice.
- 4.5 Ingestion: Drink milk or water. Do not induce vomiting. Seek immediate medical attention.

### **5 FIRE PRECAUTIONS:**

- 5.1 Extinguishing Media: Carbon dioxide, foam, dry chemical, water spray.
- 5.2 Extinguishing Media NOT to be used: -
- 5.3 Product Combustion Hazards: Toxic / noxious vapours.
- 5.4 Special Protective Equipment for Firefighters: Butyl rubber boots, gloves and body suit. Self contained breathing apparatus.

### **6 SPILLAGE:**

- 6.1 Personal Precautions: Avoid contact with skin, eyes and clothing.
- 6.2 Environmental Precautions: Prevent large quantities entering streams / drinking water supplies.
- 6.3 Removal of Spillage: Absorb onto earth or sand and place in metal containers for disposal.
- 6.4 Further Advice: Dispose of with respect to local regulations.

**7 HANDLING & STORAGE:**

- 7.1 Safe Handling: Ensure good ventilation. Wear suitable protective clothing. When using do not eat, drink or smoke.
- 7.2 Safe Storage: Store in a dry, well ventilated area. Avoid extremes of temperature. Keep out of reach of children.

**8 PERSONAL PROTECTION:**

- 8.1 Respiratory Protection: Organic vapour mask in poor ventilation areas.
- 8.2 Hand Protection: Nitrile rubber gloves. Seek advice from glove suppliers & follow their advice.
- 8.3 Eye Protection: Safety spectacles.
- 8.4 Skin Protection: Overalls, industrial footwear.

**9 PHYSICAL & CHEMICAL PROPERTIES:**

- 9.1 Appearance: Coloured liquid
- 9.2 Odour: Ammoniacal
- 9.3 Colour: -
- 9.4 Boiling Point/Range: >100 C
- Flash Point: >100 C
- Auto Ignition Temp: -
- Oxidising Properties: -
- Relative Density: >1.0 g / c.c.
- Melting Point/Range: -
- Flammability(solid, gas): -
- Explosive Limits: -
- Vapour Pressure: <1m bar
- Water Solubility: Insoluble
- Other Data: -
- Solvent Content: 0%

**10 STABILITY & REACTIVITY:**

- 10.1 Conditions to avoid: -
- 10.2 Materials to avoid: Strong acids, oxidising agents.
- 10.3 Hazardous Decomposition Products: CO, carbon dioxide, ammonia and oxides of nitrogen.

**11 TOXICOLOGICAL INFORMATION:**

- 11.1 Toxicity: LD50 Oral: 1.06 ml / kg
- LD50 Skin: -
- Skin Irritation: Yes
- Sensitisation: Possible
- Inhalation: Not established
- Recommended Exposure Limit: Not established

**12 ECOLOGICAL INFORMATION:**

Prevent contamination of soil, drains or surface water. This preparation has been assessed following the conventional method in CHIP and is not classified as dangerous for the environment.

**13 SAFE DISPOSAL:**

13.1 Product: Dispose of with respect to local Byelaws.

13.2 Container: -

**14 TRANSPORT INFORMATION:**

ADR UN 1760 Class 8 Corrosive liquid n.o.s. P/G III

IMDG UN 1760 Class 8 Corrosive liquid n.o.s. P/G III

**15 REGULATORY INFORMATION:** CORROSIVE C

*R phrases*

20/22: Harmful by inhalation and if swallowed.

34: Causes burns.

43: May cause sensitisation by skin contact.

*S phrases*

2: Keep out of the reach of children.

26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

36/37/39: 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).

Other Data:

**16 OTHER INFORMATION: -**

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provided guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

See also:- Epoxy Repair Mortar Deep Fill Resin