

SAFETY DATA SHEET

EPOMAST PIN GROUT - RAPID

1.00 IDENTIFICATION OF SUBSTANCE

EPOMAST PIN GROUT - RAPID: Three pack epoxy grout for securing bolts and anchors in concrete or masonry.

1.10 IDENTIFICATION OF MANUFACTURER

Adomast Building Chemicals Ltd.
Unit G, Lea Road Trading Estate, Waltham Abbey, Essex EN9 1AE
Telephone: 01992 710 684 Fax: 01992 712 813

2.00 COMPOSITION / INFORMATION ON INGREDIENTS

Resin component: A Diglycidylether of Bisphenol and reactive diluent CGE.

Hardener component: A modified aromatic amine. **Filler component:** A blend of silica sands

2.20 COMPONENTS WITH HEALTH HAZARDS/LIMIT VALUE

Resin Component:

Chemical Name:	Composition (%w/w)	EEC No:	CAS No:
Diglycidylether of Bisphenol A	< 20	68240-06-2	
Risk Phrases: R36/38, R43	Hazard Symbols: Irritant		

Hardener Component:

Chemical Name:	Composition (%w/w)	EEC No:	CAS No:
Alkyl phenol	< 1	84852-15-3	
Risk Phrases: R22, R34, R50/53	Hazard Symbols: (C) Corrosive		

Chemical Name:	Composition (%w/w)	EEC No:	CAS No:
Polyamine	< 2	140-31-8	
Risk Phrases: R21, R34, R43, R52, R53	Hazard Symbols: (C) Corrosive		

Silica sands:

Chemical name:	Composition (%)	EEC No.:	CAS No.:
Silica sand 100		14808-60-7	

Risk Phrases: R36/37/38

3.00 HAZARDS IDENTIFICATION

Harmful in contact with skin and if swallowed (R21/22). Causes burns (R34) May cause sensitisation by skin contact (R43) NOTE: All silica sands are washed in processing and contain little or no respirable silica, however, respirable silica may be produced when used.

4.00 FIRST AID MEASURES

Eyes: In case of contact irrigate with clean water for at least 15 minutes. Obtain medical attention. **Skin:** Immediately remove contaminated clothing, wash thoroughly with soap and water. Apply an emollient or conditioning cream. If irritation persists or develops, seek medical attention. **Inhalation:** Remove from exposure to vapours, rest and keep warm, obtain medical advice. **Ingestion:** Wash out mouth thoroughly and give water to drink in sips. Obtain medical attention. Do not induce vomiting.

5.00 FIRE FIGHTING MEASURES

Suitable Extinguishing Agents: Alcohol Resistant Foam, Carbon Dioxide, Dry Powder (BC Powder), Water Spray (Fog) . **Special Protective Equipment for Fire Fighters:** Self contained breathing apparatus. **Unsuitable Extinguishing Agent:** Halones

6.00 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid skin contact, wear suitable protective clothing including impervious gloves with raw materials. Hardened material does not present a hazard. **Environmental Precautions:** Transfer to container for disposal and ensure all possible precautions are taken to prevent material entering drainage system, waterways. Hardened material does not present a hazard. **Methods for Clearing Up:** Scoop up. Absorb any residue on inert material (sand, earth) and sweep up. Place in container for disposal. Reacted material will harden.

7.00 HANDLING AND STORAGE

Handling: The usual precautions for safe handling of chemicals should be observed. Avoid contact with skin and eyes (S24/25) In case of insufficient ventilation wear suitable respiratory equipment (S38) In case of contact with eyes, rinse immediately with plenty of water and seek medical advice(S26) Wear suitable protective clothing, gloves and eye/face protection (S36/37/39) This material and/or its container must be disposed of as hazardous waste (S60) Once the material has been mixed and hardened in the correct proportion it does not present a health hazard. **Storage:** Store at room temperature away from direct sources of heat. Keep containers closed. Reseal containers after use to prevent hardening of resin and use within one week if not stored separated.

8.00 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures/ System design: Local exhaust ventilation in areas of poor ventilation or self contained breathing apparatus. **Hand Protection:**

PVC gloves **Eye Protection:** Wear close fitting safety goggles to BS 2092 I.C. where there is a risk of direct contact or splash. Provide an eye wash station.

Skin Protection: Impervious clothing, rubber boots.

9.00 PHYSICAL AND CHEMICAL PROPERTIES

Resin Component:

Appearance: Clear Liquid	Odour: Very slight
Boiling Point (°C): No data	Flash Point: No Data
Vapour Pressure (mm Hg): No data	Solubility (Water): Slight
Freezing Point (°C): No data	Relative Density: 1.13 - 1.14
Colour: Gardner 3 Max	pH: 7.00

Hardener Component:

Appearance: Liquid	Odour: Ammoniacal
Boiling Point (°C): 200	Flash Point(°C): 130
Vapour Pressure (mmHg): No data	pH: 11
Solubility (Water): Insoluble	Freezing Point (°C): No data
Relative Density : 0.97	Colour: Amber

10.00 STABILITY AND REACTIVITY

Resin Component: Stability: Normally stable **Conditions to Avoid:** Do not leave containers open when not in use. **Material to Avoid:** Reacts with amines and polyamides causing an exotherm (this is the hardener component)

Hazardous Decomposition Products: Noxious and toxic fumes

Hardener Component: Stability: Normally stable. **Conditions to Avoid:** Do not leave containers open when not in use. **Material to Avoid:** Acids, Epoxy Resins (exothermic) **Hazardous Decomposition Products:** Phenol Homologues, formaldehyde, nitrogen oxides

Filler component: Stability: Normally stable **Conditions to avoid:** None **Materials to avoid:** None **Hazardous Decomposition Products:** None

11.00 TOXICOLOGICAL INFORMATION

Inhalation: Harmful to respiratory tract. **Skin Contact:** May cause sensitisation by skin contact. **Ingestion:** Toxic **Eye Contact:** Harmful causes irritation, pain redness **Long Term Exposure:** No data available.

12.00 ECOLOGICAL INFORMATION

The product is essentially insoluble in water, and may cause long term adverse effects in the aquatic environment as the unhardened/ unreacted components.

13.00 DISPOSAL CONSIDERATIONS

Dispose of unreacted/unhardened components in accordance with Local and National Regulations, consult a qualified waste disposal contractor. Wear protective clothing during disposal operations.

14.00 TRANSPORT INFORMATION

UN No: 2810 **UN Packing Group:** III **Hazard Class:** 6.1

ADR/RID: 66 or 60 **TREM Card:** 3

15.00 REGULATORY INFORMATION

Risk Phrases: R23/24/25 Toxic by inhalation, in contact with skin and if swallowed R36/37/38 Irritating to eyes respiratory system and skin R43 May cause sensitisation by skin contact R45 May cause cancer R51 Toxic to aquatic organisms R53 May cause long term adverse effects in the aquatic environment

Safety Phrases: S24/25 Avoid contact with skin and eyes S38 In case of insufficient ventilation wear suitable respiratory equipment 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 S60 This material and/or its container must be disposed of as hazardous waste

16.00 OTHER INFORMATION

It is the responsibility of the user to carry out a full assessment of the risks associated with the use of the above product in accordance with the current C.O.S.H.H. regulations.

For trade use only, not for sales to the general public.

ABCD 430 ISSUE: 1
ISSUED: NOV 2003