

SAFETY DATA SHEET

EPOMAST PIN GROUT CARTRIDGE

1.00 IDENTIFICATION OF SUBSTANCE

EPOMAST PIN GROUT CARTRIDGE: Two part cartridge based on solvent free epoxy resin.

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 blend of Bisphenol-A and Bisphenol F epoxy resins and pigments. **Hardener component:** A blend of Cycloaliphatic, Aliphatic Amines and inert fillers.

2.20 COMPONENTS WITH HEALTH HAZARDS/LIMIT VALUE

Resin Component:

Chemical Name:	Composition (%w/w)	EEC No:
CAS No:		
Epoxy Resin	< 40	55492-52-9/25068-38-6
average mol wt	< 700	
Alkylglycidylether	6.5	68609-97-2
Risk Phrases: R38, R43, R51/53,	Hazard Symbols: Xi, N	
R36/38		

Hardener Component:

Chemical Name:	Composition (%w/w)	EEC No:
CAS No:		
Isophoronediamine	< 4.0	2855-13-2
Alkylphenol	< 7.0	84852-15-3
Risk Phrases: R20/21/22, R34	Hazard Symbols: N	
R43, R52/53		

3.00 HAZARDS IDENTIFICATION

Irritating to eyes and skin (R36/38) May cause sensitisation by skin contact (R43)

Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment (R52/53) Harmful by inhalation in contact with skin and if swallowed. (R20/21/22) Causes burns. (R34)

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

Respiration: Not normal required during normal use. **Hand Protection:** PVC gloves. **Eye Protection:** Safety goggles. **Skin Protection:** Gloves and overalls

9.00 PHYSICAL AND CHEMICAL PROPERTIES

Resin Component:

Appearance: Red thixotropic paste	Odour: Nearly odourless
Boiling Point (°C): > 200 °C	Flash Point: > 100 °C
Vapour Pressure (mm Hg): No data	Solubility (Water): Insoluble
Freezing Point (°C): No data	Specific Gravity: 1.18
pH: No data	

Hardener Component:

Appearance: Off white paste	Odour: N/A
Boiling Point (°C): 200	Flash Point (°C): 96
Vapour Pressure (mmHg): No data	
Solubility (Water): Slight <1% @20°C	Freezing Point (°C): No data
Specific Gravity: 1.20	pH: Alkaline

10.00 STABILITY AND REACTIVITY

Resin Component:

Stability: Stable **Material to Avoid:** Acids
Hazardous Decomposition Products: None

Hardener Component:

Stability: Stable. **Materials to Avoid:** Oxidising agents, Acids
Hazardous Decomposition Products: Oxides of carbon and nitrogen in a fire. Ammonia when heated

11.00 TOXICOLOGICAL INFORMATION

Inhalation: Irritant to respiratory tract. **Skin Contact:** Severe irritant, may cause burns. **Eye Contact:** Severe irritant, may cause burns

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: 2735 Amine mixture (< 1 litre) **UN Packing Group:** III
Hazard Class: 8 **ADR/RID:** **TREM Card:** 3

15.00 REGULATORY INFORMATION

Risk Phrases:

Irritating to eyes and skin (R36/38) May cause sensitisation by skin contact (R43) Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment (R52/53) Harmful by inhalation in contact with skin and if swallowed. (R20/21/22) Causes burns. (R34)

Safety Phrases:

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 **S61** Avoid release into the environment.

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.

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