

SAFETY DATA SHEET

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME : Epomast Bedding Mortar Base

Company name: Adomast Manufacturing Ltd
Engine Lane, Shafton, Barnsley, S72 8SP Tel: 01226 70786

2. COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous Ingredients** Mixture of Epoxy Resin and reactive diluent

Bisphenol A=Epichlorhydrin Resin with no. Average M.W.=700

ECN 500-06-8 CAS 028064-14-4 40-50% Xi,N R36/38 R43 R51 R53

Bisphenol F = Epoxy Resin CAS 9003-36-5 16-18% Xi N R36/38 R43 R51 R53

C12-C14 aliphatic Glycidyl Ether CAS 68609-97-2 8-15% Xi,N R36/38 R43 R51 R53

3. HAZARDS IDENTIFICATION

Main Hazards Irritating to eyes and skin. May cause sensitisation by skin contact. Not classified as flammable but will burn.

4. FIRST AID MEASURES

Skin contact- Remove contaminated clothing immediately. Rinse affected skin with copious amounts of soap and water. If persistent irritation occurs obtain medical attention

Eye contact- Immediately flush eyes with running water for at least 15 minutes without interruption. Seek medical advice.

Ingestion DO NOT induce vomiting. If rapid recovery does not occur obtain medical attention

Inhalation No specific measures. Remove to fresh air in case of indisposition.

5. FIRE-FIGHTING MEASURES

Extinguishing media Dry powder, Carbon Dioxide, Water spray.

Exposure hazards Carbon Monoxide may be evolved if incomplete combustion occurs

Protection of firefighters Wear full protective clothing and self contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Avoid skin, eye and clothing contact. Provide sufficient ventilation during use

Environmental precautions Prevent from entering sewer system, surface water or soil. Prevent from spreading into drains, ditches or rivers by using sand, earth or other appropriate barriers

Clean-up procedures. Soak up with absorbent material e.g. dry sand, vermiculite, and dispose of as instructed. Shovel up and place in a labeled, sealable container for subsequent disposal.

7. HANDLING AND STORAGE

Handling requirements Use in well ventilated areas. Keep containers tightly closed when not in use. Avoid contact with skin, eyes and clothing.

Storage conditions Avoid temperatures below 5°C. Store at ambient temperatures.

Suitable packaging Must only be kept in original packaging.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures Ensure there is sufficient ventilation of the area.

Hand protection Protective gloves of PVC or rubber.

Eye protection Mono-goggles.

Skin protection Standard issue work clothes. Safety boots/shoes; chemical resistant.

9. PHYSICAL AND CHEMICAL PROPERTIES

State Liquid.

Solubility in water Negligible

Density 1.12 – 1.20/cm³@20°C

Flash point °C >200°C

10. STABILITY AND REACTIVITY**Haz. Decompositon****Products**

Stability Stable under normal conditions. Thermal decomposition not applicable under normal conditions.

Conditions to avoid

Temperatures above 95°C.

Acids, Strong Oxidising Agents, and Caustic Soda.

Carbon Dioxide, Carbon Monoxide.

11. TOXICOLOGICAL INFORMATION

Ingestion LD50 Acute oral toxicity in rats : >2000mg/kg.

Eye irritation tested in rabbits : Irritant

Skin irritation tested in rabbits : Irritant

Mutagenicity Negative Ames test.

12. ECOLOGICAL INFORMATION

Readily absorbed into soil. Prevent contamination of soil, drains or surface water.

Material sinks in water and has the potential to Bio-accumulate.

Other adverse effects Not readily Bio-degradable (Sturm Test), Toxic to aquatic organisms

13. DISPOSABLE CONSIDERATIONS

Recover or recycle if possible.

Otherwise dispose to licensed disposal contractor.

14. TRANSPORT INFORMATION**ADR/RID**

UN no 3082 Class 9 Packing Group III Labelling 9

IMDG/IMO

UN no 3082 Class 9 Packing Group III Labelling 9

Marine Pollutant Y EmS F-A S-F

IATA/ICAO

UN no 3082 Class 9 Packing Group III Labelling 9

Packing Instruction 914 (cargo/passenger aircraft))

15. REGULATORY INFORMATION**Hazard Symbol/ Risk Phrases /Safety Phrases**

Xi, Irritant. N, Dangerous to the environment.

R36/38, Irritating to eyes and skin.

R43, May cause sensitization by skin contact.

R51, Toxic to aquatic organisms

R53, May cause long-term adverse effects in the aquatic environment.

S24, Avoid contact with skin.

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 soap and water.

S37/39, Wear suitable protective clothing, gloves, and eye/face protection.

S61, Avoid release to the environment.

16. OTHER INFORMATION

Other information Read in conjunction with the appropriate **CURING AGENT** component Material Safety Data Sheet.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product .