1.00 IDENTIFICATION OF SUBSTANCE and Manufacturer
Adomast Manufacturing Ltd
Engine Lane, Shafton, Barnsley, S72 8SP  Tel: 01226 707863  Fax: 01226 718051  www.adomast.co.uk

2.00 COMPOSITION/INFORMATION ON INGREDIENTS
Resin: A Diglycidylether of Bisphenol and reactive diluent CGE.
Hardener: A blend of polyamide and modified aromatic amine.

2.20 COMPONENTS WITH HEALTH HAZARDS/LIMIT VALUE
Resin Component:
Chemical Name: Diglycidylether of Bisphenol A
Composition (%w/w) < 50
EEC No: 68240-06-2
CAS No:
Risk Phrases: R36/38, R43
Hazard Symbols: Irritant

Hardener Component:
Chemical Name: Tetra ethylene pentamine
Composition (%w/w) < 5
EEC No: 612-060-00-0
CAS No: 112-57-2
Risk Phrases: R21/22, R34, R43
Hazard Symbols: (C) Corrosive

Chemical Name: Di Amini Di Phenol Methane
Composition (%w/w) < 10
EEC No: 101-77-9
CAS No:
Risk Phrases: R20/21/22, R43, R45, R48/20/21
Hazard Symbols: (T) Toxic

Chemical Name: Tar Acid
Composition (%w/w) < 10
EEC No: 84989-05-9
CAS No:
Risk Phrases: R24/25, R34
Hazard Symbols: (T) Toxic

3.00 HAZARDS IDENTIFICATION
Toxic in contact with skin and if swallowed (R24/25). Causes burns (R34). Irritating to eyes and skin (R36/38). May cause sensitisation by skin contact (R43). May cause cancer (R45).

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, swab skin with glycerol, polyethylene glycol 300 or a mixture of PEG/IMS 70:30 for at least 10 minutes. Use water if solvents not available. 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 advice. Do not induce vomiting.

5.00 FIRE FIGHTING MEASURES

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) 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. 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. Hygienic Measures: Apply skin protection cream before handling.

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:
Odour: Phenolic Boiling Point (°C): > 200
Flash Point(°C): > 150 Flash Point Method: N/A
Vapour Pressure (mmHg): No data Solubility (Water): Insoluble
Freezing Point (°C): No data  
Relative Density : 1.05  
Colour: Dark grey  
P: No data  

10.00 STABILITY AND REACTIVITY  
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  

11.00 TOXICOLOGICAL INFORMATION  
Inhalation: Harmful to respiratory tract. Skin Contact: May cause sensitisation by skin contact. Ingestion: Irritation. 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  
Resin component: Not regulated  
UN No: 3082  
UN Packing Group: 9  
Hazard Class: ADR/RID:  

Hardener component:  
UN No: 2922  
UN Packing Group: II  
Hazard Class: ADR/RID: 8  
Transport labels: Corrosive (toxic)  

15.00 REGULATORY INFORMATION  
Risk Phrases:  
R10 Flammable  
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.  
R36/38 Irritating to eyes 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:  
S16 Keep away from sources of ignition - No smoking.  
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.