



**SAFETY DATA SHEET**  
EPOXY DPM SYSTEM-RESIN COMP.A.

Page 1

Issued: 10/07/03

Revision No: 1

**P.R. Epoxy Systems Ltd**  
**Unit D2, The Court**  
**Kestrel Road**  
**TRAFFORD PARK**  
**Manchester**  
**M17 1SF**  
**Tel: 0161 872 7618**  
**Fax: 0161 876 4597**

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

**Product name:** EPOXY DPM SYSTEM-RESIN COMP.A.

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**Contains:** CAS: 25068-38-6. EPOXY RESIN - R36/38-43-51/53. <70%  
CAS: 28064-14-4. BISPHENOL F. EPICHLOROHYDRIN RESIN - R36/38-43-51/53.  
<30%  
CAS: 68081-84-5 .ALIPHATIC GLYCIDYLETHER - Xi,N R36/38-43-51/53. <15%

**3. HAZARDS IDENTIFICATION**

**Main hazards:** Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**4. FIRST AID MEASURES (SYMPTOMS)**

**Skin contact:** There may be irritation and redness at the site of contact.  
**Eye contact:** There may be irritation and redness.  
**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.  
**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**4. FIRST AID MEASURES (ACTION)**

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.  
**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.  
**Ingestion:** Do not induce vomiting. If conscious, give 1 pint of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.  
**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and

[cont...]

**SAFETY DATA SHEET**  
EPOXY DPM SYSTEM-RESIN COMP.A.

provide oxygen if available. Transfer to hospital as soon as possible.

#### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Water spray. Dry chemical powder. Foam or carbon dioxide extinguishers Use water spray to cool containers.

**Exposure hazards:** In combustion emits toxic fumes of carbon dioxide and carbon monoxide.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding. If the material enters drains it should be pumped out into an open vessel, emergency services should be called to assist in this operation.

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Refer to section 13 of SDS for suitable method of disposal.

#### 7. HANDLING AND STORAGE

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Store at ambient temperature. Avoid incompatible materials and conditions - see section 10 of SDS.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Suitable respiratory protective device

**Hand protection:** Protective gloves.

**Eye protection:** Goggles giving complete protection to eyes and eyewash bottle with clean water.

**Skin protection:** Protective clothing with elasticated cuffs and closed neck. Boots made of PVC.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid

**Colour:** Colourless

**Odour:** Perceptible odour

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Not miscible

**Boiling point/range°C:** 150°C

**Flash point°C:** >150

**Part.coeff. n-octanol/water:** Not determined

**Autoflammability°C:** >200°C

**Vapour pressure:** <0.1 mbar at 20°C

**Relative density:** 1.12kg/cm<sup>3</sup> at 25°C

[cont...]

**SAFETY DATA SHEET**  
EPOXY DPM SYSTEM-RESIN COMP.A.

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat. Light. Moist air. Air.

**Materials to avoid:** Bases. Amines. Strong mineral acids Mercaptans

**Haz. decomp. products:** Thermal decomposition products may include: Oxides of carbon

**11. TOXICOLOGICAL INFORMATION**

**Routes of exposure** Danger of cumulative effects if swallowed. May cause sensitisation by inhalation. May cause sensitisation by skin contact.

**12. ECOLOGICAL INFORMATION**

**Mobility:** Not determined

**Persistence and degradability:** Not determined

**Bioaccumulative potential:** Not determined.

**Other adverse effects:** Toxic to aquatic organisms. COD:- Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal:** Recover or recycle if possible. Must be incinerated, when in compliance with local regulations. Arrange for collection by specialised disposal company.

**Disposal of packaging** Where practical, containers and packaging should be recycled by a licensed contractor. Arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION****ADR / RID**

**UN no:** 3082

**ADR Class:** 9

**Hazard ID no:** 90

**Labelling:** 9

**Shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

**IMDG / IMO**

**UN no:** 3082

**Class:** 9

**Packing group:** III

**EmS:** NONE

**Marine pollutant:** YES

**Labelling:** 9

**IATA / ICAO**

**UN no:** 3082

**Class:** 9

**Packing group:** III

**Packing instructions:** 914

[cont...]

**Quantity** NO LIMIT**Labelling:** 9**15. REGULATORY INFORMATION****Hazard symbols:** Irritant.

Dangerous for the environment.

**Risk phrases:** R36/38: Irritating to eyes and skin.

R43: May cause sensitisation by skin contact.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases:** S24: Avoid contact with skin.

S29: Do not empty into drains.

S37: Wear suitable gloves.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.**16. ADDITIONAL INFORMATION****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.