

Rewmar MB

Epoxy DPM System

Safety Data Sheet

Rewmar EPOXY DPM – **Component A**

Issued: 01/02/08

Revision No: 1.0

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

Product name: Rewmar MB EPOXY DPM - RESIN COMPONENT 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

4.1 (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.

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

Rewmar MB

Epoxy DPM System

Safety Data Sheet

Rewmar EPOXY DPM – **Component A**

Issued: 01/02/08

Revision No: 1.0

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 ³ at 25°C

Rewmar MB

Epoxy DPM System

Safety Data Sheet

Rewmar EPOXY DPM – **Component A**

Issued: 01/02/08

Revision No: 1.0

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 & 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.

Rewmar MB

Epoxy DPM System

Safety Data Sheet

Rewmar EPOXY DPM – **Component A**

Issued: 01/02/08

Revision No: 1.0

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
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.

All Rewmar products are manufactured to a high standard of quality. Whilst we aim to ensure that any advice, information or recommendations given are reliable and correct, the Company cannot accept any liability directly or indirectly arising from the use of its products, as we have no direct or continuous control over where or how its products are applied. No undertaking can be given against infringement of any patented processes.