

Rewmar MB

Epoxy DPM System

Safety Data Sheet

Rewmar EPOXY DPM – **Component B**

Issued: 01/02/08

Revision No: 2.0

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

Product name: Rewmar MB EPOXY DPM - CURING AGENT – COMPONENT B

2. COMPOSITION / INFORMATION ON INGREDIENTS

Contains: CAS:- 100-51-6 BENZYL ALCOHOL Xn;R20/22. < 25%
CAS:- 2855-13-2. ISOPHORONEDIAMINE - C;R21/22-34-43-52/53. < 15%
CAS:- 1477-55-0. BENZENE-1, 3-DIMETHANAMINE C; R20/22 R35 < 15%
CAS:- 109-55-7. 3-AMINOPROPYLDIMETHYLAMINE - R10-21/22-34-43 < 8%
CAS:- 90-72-2. 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL. R22-36/38 < 8%
CAS:- 80-05-7. 4,4'- ISOPROPYLIDENEDIPHENOL - R36/37/38-43 < 10%

3. HAZARDS IDENTIFICATION

Main hazards: Harmful by inhalation, in contact with skin and if swallowed. Causes severe burns. May cause sensitisation by skin contact.

4. FIRST AID MEASURES

4.1 (SYMPTOMS)

Skin contact: Irritation or pain may occur at the site of contact.

Eye contact: There may be irritation and pain. May cause permanent damage.

Ingestion: Nausea and stomach pain may occur. There may be vomiting.

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 substance swallowed is corrosive, give 1 cup of water to drink every 10 minutes. 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.

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5. FIRE-FIGHTING MEASURES

- Extinguishing media:** Water spray. Carbon dioxide. Alcohol or polymer foam. Dry chemical powder. Unsuitable extinguishing media is water in a jet.
- Exposure hazards:** In combustion emits toxic fumes. In combustion emits toxic fumes of nitrogen oxides. Also produces carbon oxides.
- 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:** Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition. No Smoking If outside do not approach from downwind.
- Environmental precautions:** Contain the spillage using bunding. Do not discharge into drains or rivers.
- Clean-up procedures:** Absorb into dry earth or sand. Dispose of as hazardous waste.

7. HANDLING AND STORAGE

- Handling requirements:** Ensure there is sufficient ventilation of the area. Smoking is forbidden. Avoid the formation or spread of dust in the air. Avoid direct contact with the substance.
- Storage conditions:** Keep away from sources of ignition. Keep container tightly closed. Store at ambient temperature. Keep away from food and drink.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Respiratory protection:** In poorly ventilated areas use an approved organic vapour cartridge mask.
- Hand protection:** Protective gloves.
- Eye protection:** Safety goggles. Face-shield.
- Skin protection:** Protective clothing with elasticated cuffs and closed neck. Boots made of PVC.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Liquid
- Colour:** Brown
- Viscosity:** Dynamic 20....40 mPa*s @ 25°C
- Solubility in water:** Slightly soluble
- Boiling point/range°C:** 135°C
- Flash point°C:** 85.5-DIN51758
- Relative density:** 1.03g/cm³@20°C-51757
- pH:** approx:11

10. STABILITY AND REACTIVITY

- Conditions to avoid:** Take necessary action to avoid static electricity discharge.
- Materials to avoid:** Strong acids. Strong bases. Strong oxidising agents.
- Haz. decomp. products:** In combustion emits toxic fumes. In combustion emits toxic fumes of nitrogen oxides. Combustion will generate oxides of carbon.

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11. TOXICOLOGICAL INFORMATION

Effects of exposure

IRRITATION EFFECTS DATA: Corrosive to the skin of a Rabbit.
Ingredient 1: ORL RAT LD50 1230mg/kg
Ingredient 4: ORL RAT LD50 1870mg/kg

12. ECOLOGICAL INFORMATION

Persistence and degradability: Avoid subsoil penetration. Prevent product from entering drains. Do not contaminate surface water.

13. DISPOSAL CONSIDERATIONS

Waste disposal: Mix or dissolve with a combustible material and burn in a chemical incinerator equipped with afterburners and scrubbers. Dispose of in a regulated landfill site or other method for hazardous or toxic wastes. Disposal of packaging Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

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: 2735
ADR Class: 8
Hazard ID no: 80
Labelling: 8
Shipping name: AMINES OR POLYAMINES, LIQUID, CORROSIVE N.O.S.

IMDG / IMO

UN no: 2735
Class: 8
Packing group: III
EmS: 8-05
Marine pollutant: YES
Labelling: 8

IATA / ICAO

UN no: 2735
Class: 8
Packing group: III
Packing instructions: 820
Quantity: 60 L
Labelling: 8

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15. REGULATORY INFORMATION

Hazard symbols: Corrosive.



Risk phrases: R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
R35: Causes severe burns.
R43: May cause sensitisation by skin contact.

Safety phrases: 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 plenty of soap and water.
S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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