



SAFETY DATA SHEET

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HEALTH & SAFETY MASTER SHEET FOR CURING AGENT B.

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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: HEALTH & SAFETY MASTER SHEET FOR CURING AGENT B.

Synonyms: FOR THE FOLLOWING PRODUCTS:- EPOXY SCREED SYSTEM-FINE & COARSE
SOLVENT FREE COATING STD & HIGH BUILD/SOLVENT FREE PRIMER
EPOXY PATCH REPAIR/PITCH EPOXY SYSTEM/EPOXY EXPANSION JOINT SYSTEM
SELF-LEVELLING FLOORING SYSTEM.

Use / description of product: CURING AGENT

2. COMPOSITION / INFORMATION ON INGREDIENTS

Contains: CAS:- 100-51-6 BENZYL ALCOHOL Xn;R20/22. <25%
CAS:- 98-54-4 PARATERTIARYBUTYLPHENOL XI;R36/37/38. <20%
CAS:- 1477-55-0. BENZENE-1, 3-DIMETHANAMINE C; R20/22 R35 <15%
CAS:- 25620-58-0 TRIMETHYLHEXAMETHYLENEDIAMINE C;R22 R34 R43 R52/53
<10%

3. HAZARDS IDENTIFICATION

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

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: Contact with the skin may cause dryness(defatting),itching and/or rash. Product is absorbed through the skin and may cause nausea, headache and general discomfort. Repeated and/or prolonged exposure may cause allergic reaction/sensitization.

Eye contact: Product vapour in low concentrations can cause lacrimation, conjunctivitis and corneal edema when absorbed into the tissue of the eye from the atmosphere. May cause permanent damage.

Ingestion: Severe poisoning can cause unconsciousness and severe and persistent nausea and vomiting. Severe poisoning can cause vision to be blurred or blindness, severe headache and rapid gasping breathing.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. There may be a feeling of tightness in the chest with shortness of breath.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.

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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. DO NOT APPLY GREASES OR OINTMENTS.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: If conscious, give 1 pint of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. Transfer to hospital as soon as possible. If unconscious and breathing is OK, place in the recovery position. Do not induce vomiting. If substance swallowed is corrosive, give 1 cup of water to drink every 10 minutes.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. 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.

5. FIRE-FIGHTING MEASURES

Extinguishing media: In case of large fire:- Water spray. Alcohol or polymer foam. In case of small fire:- Carbon dioxide. Dry chemical powder.

Exposure hazards: May generate toxic, irritating or flammable combustion products. In combustion emits toxic fumes of nitrogen oxides. Contact of liquid with skin must be prevented. May generate carbon monoxide and ammonia gas. A sudden reaction and fire may result if product is mixed with an oxidizing agent. Personnel in vicinity and downwind should be evacuated.

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. Open enclosed spaces to outside atmosphere.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

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. Avoid all incompatible materials in clean-up procedure - see section 10 of SDS. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air. Avoid direct contact with the substance. Do not eat, drink or smoke.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Avoid incompatible materials and conditions - see section 10 of SDS. Product must be stored at temperatures above 40°F. Keep from freezing.

[cont...]

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering measures:** Ensure there is sufficient ventilation of the area.
- Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.
- Hand protection:** Protective gloves.
- Eye protection:** Face-shield. 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:** Pale yellow
- Odour:** Perceptible odour
- Viscosity:** Viscous
- Oxidising:** Non-oxidising (by EC criteria)
- Solubility in water:** Moderate (1-10%)
- Boiling point/range°C:** >200.00
- Melting point/range°C:** No data
- Flash point°C:** >100.00(closed cup)
- Part.coeff. n-octanol/water:** No data
- Autoflammability°C:** No data
- Vapour pressure:** mm Hg @ 21C-10.34
- Relative density:** 0.99
- pH:** Alkaline

10. STABILITY AND REACTIVITY

- Stability:** Stable under normal conditions.
- Materials to avoid:** Strong mineral acids Organic Acids Oxidising agents. Reactive metals Sodium or Calcium Hypochlorite. CAUTION ! N-Nitrosamines, many of which are known to be potent carcinogens, may be formed when the product comes in contact with nitrous acid, nitrites or atmospheres with high nitrous oxide concentrations. Product slowly corrodes copper, aluminium, zinc and galvanized surfaces. Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion. Materials reactive with hydroxyl compounds. Nitrites, nitrosating agents. A reaction accompanied by large heat release occurs when the product is mixed with acids, could cause vigorous boiling creating a hazard due to spashing of hot material.
- Haz. decomp. products:** Nitrogen oxide can react with water vapours to form corrosive nitric acid. In combustion emits toxic fumes of carbon dioxide and carbon monoxide. Ammonia when heated. In combustion emits toxic fumes of nitrogen oxides. Irritating and toxic fumes at elevated temperatures. Nitric acid in a fire. Nitrosamines. Aldehydes. The oxides of nitrogen gases (except nitrous oxide) emitted on decomposition are highly toxic.

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11. TOXICOLOGICAL INFORMATION

Routes of exposure May cause sensitisation by inhalation. May cause sensitisation by skin contact.

Ingredient 1: ORL RAT LD50 1230mg/kg

12. ECOLOGICAL INFORMATION**13. DISPOSAL CONSIDERATIONS**

Waste disposal: Arrange for collection by specialised disposal company.

Disposal of packaging 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: 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: II

EmS: 8-05

Marine pollutant: YES

Labelling: 8

IATA / ICAO

UN no: 2735

Class: 8

Packing group: II

Packing instructions: 812

Quantity 30 L

Labelling: 8

15. REGULATORY INFORMATION

Hazard symbols: Corrosive.



Risk phrases: R20/22: Harmful by inhalation 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.

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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.