



## SAFETY DATA SHEET

### B 50 Part B

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

PRODUCT NAME                      B 50 Part B

SUPPLIER                            **ARDEX ENDURA (INDIA) PRIVATE LIMITED**  
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#### 2. HAZARDS IDENTIFICATION

##### HUMAN HEALTH HAZARDS

May be moderately toxic if swallowed. Slightly toxic and may be harmful if absorbed through the skin. May be corrosive to the eyes. May be corrosive to the skin. May be corrosive to respiratory tract. May be corrosive to mouth, throat, and stomach. May cause skin sensitization.

##### SAFETY HAZARDS

Corrosive material will not burn unless preheated.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Cycloaliphatic amine and other proprietary components.

#### 4. FIRST-AID MEASURES

##### INHALATION

Do not attempt to rescue the victim unless proper respiratory protection is worn. Remove victim to fresh air and provide oxygen if breathing is difficult. Get medical attention.

##### INGESTION

Do not induce vomiting. Have victim rinse out mouth with water, then drink sips of water to remove taste from mouth. Do not give liquids to a drowsy, convulsing or unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get medical attention.

##### SKIN CONTACT

Immediately remove contaminated clothing. Flush with large amounts of water for at least 15 minutes. Flush exposed skin with water and follow by washing with soap if available. Transport to nearest medical facility for additional treatment.

##### EYE CONTACT

Immediately flush eyes with plenty of water for 15 minutes while holding eyelids open. Transport to nearest medical facility for additional treatment.

#### 5. FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

Use water fog "alcohol foam", dry chemical or carbon dioxide. Water fog may cause foaming which can be violent, especially if sprayed into containers of hot or burning liquid.

##### SPECIFIC HAZARDS DURING FIRE FIGHTING :

Materials will not burn unless preheated. Nitrogen oxides and other potentially hazardous nitrogen-containing compounds may be released upon combustion. Evacuate the area of all non-essential personnel. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure. Cool fire exposed containers with water.

##### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE- FIGHTERS

Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves, and rubber boots) including a self-contained breathing apparatus.

**B 50 Part B****6. ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Remove ignition sources. Prevent all bodily contact with spilled materials. Use cautious judgments when cleaning up large spills. Shut off leaks, if possible without personal risk.

**ENVIRONMENTAL PRECAUTIONS**

Contains run-off and dispose of properly. Neutralize contaminated areas as appropriate for acid or base spill. Prevent from entering into drains, ditches or rivers.

**RESPIRATORY PROTECTION**

Do not breathe vapour or mists. Use an approved respirator as required to prevent overexposure. The types of respirator(s) to be considered includes: Air-Purifying Respirator for Organic Vapour. Full-Face Supplied-Air Respirator. Self-Contained Breathing Apparatus (SCBA) for use in environments with unknown concentration or emergency situations.

**7. HANDLING AND STORAGE****ADVICE ON SAFE HANDLING**

Do not get in eyes, or skin or on clothing. Do not taste or swallow. Do not breathe material. Use only with adequate ventilation. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. Heating this curing agent above 140°C in the presence of air may cause slow oxidative decomposition: above 260°C. polymerization may occur. Some epoxy resins can produce exothermic reaction which in large masses can cause runaway polymerization and charring of the reactants. Fumes and vapors from these thermal and chemical decomposition vary widely in composition and toxicity. May be corrosive to the eyes. May be corrosive to skin. Corrosive to the digestive tract. Toxic and harmful if inhaled. Slightly toxic and may be harmful if absorbed through the skin. May be moderately toxic if swallowed. May be corrosive to the respiratory tract. May cause skin sensitization. Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet facilities. Launder contaminated clothing before reuse. Contaminated leather articles, including shoes, cannot be decontaminated and should be destroyed to prevent reuse. Do not pressurize drum container to empty them. Do not breathe fumes. Use atmosphere supplying respirator or an air-purifying respirator for organic vapour. Containers, even those that have been emptied, can contain hazardous product residues.

**REQUIREMENTS FOR STORAGE AREAS AND CONTAINERS**

Store in a cool, dry place with adequate ventilation. Keep away from open flames and high temperature. Keep containers closed when not in use.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****PROTECTIVE MEASURES**

Wear appropriate respirator and full-body protective clothing.

**ENGINEERING MEASURES**

Adequate ventilation to control airborne concentration. Eye wash fountain and safety showers should be available for emergency use.

**EYE PROTECTIONS**

Do not get in eyes. Wear chemical goggles.

**SKIN AND BODY PROTECTIONS**

Do not get on skin, on clothing. Wear chemical resistant protective clothing such as gloves, outer clothing or apron, overshoes and a face-shield suitable to potential exposure.

**RESPIRATORY PROTECTIONS**

Do not breathe vapors or mists. Use an approved respirator as required to prevent overexposure. Air purifying respirator for Organic Vapors. Full-face Supplied-Air Respirator. Self-Contained Breathing Apparatus (SCBA) for use in environments with unknown concentration or emergency situations.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

FORM	Liquid
COLOR	Light yellow colour
ODOR	Amine
SOLUBILITY IN WATER	N/A

**10. STABILITY AND REACTIVITY****CONDITION TO AVOID**

Avoid high temperatures.

**MATERIALS TO AVOID**

Can react vigorously with strong oxidizing agents, strong Lewis or mineral acid, and strong mineral and Organic bases. Reaction with some resins may produce considerable heat and possible violent decomposition.

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HAZARDOUS REACTION  
Stable under normal use condition. Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

INHALATION  
May be corrosive to the nose, throat and respiratory tract.

SKIN  
May be corrosive (causing chemical bruns). May be harmful if absorbed through the skin. May cause skin sensitization.

EYES  
May be corrosive to the eyes and vapors may be irritating.

INGESTION  
May cause damage to mouth, throat and stomach.

12. ECOLOGICAL INFORMATION

There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

This materials may be disposed of as per local regulation.

14. TRANSPORT INFORMATION

No Specific transportation is required and not applicable.

15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulation may apply to this materials.

16. OTHER INFORMATION

TRAINING ADVICE : The details of this data sheet must be passed on to all personnel handling the product.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.