SAFETY DATA SHEET
R 816 CE MI PART B

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

PRODUCT NAME R 816 CE MI PART B

SUPPLIER
ARDEX ENDURA (INDIA) PRIVATE LIMITED
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DATE 21/10/2024

2. HAZARDS IDENTIFICATION

It is very unlikely that normal work operations with epoxy system could produce concentrations that are harmful to human.

Label elements

Pictogram:

Hazard statements:

Causes skin irritation.
May cause an allergic skin irritation.
Causes serious eye irritation.

Primary Route(s) of Entry		
	Inhalation	Yes
	Skin	Yes
	Ingestion	Yes

Persons with pre-existing skin, liver or kidney disorders may be at increased risk from over exposure to this material. This is not likely to be a problem when appropriate procedures are used to minimize exposure

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CASNumber	Concentration(%)	Exposure Limits	
			OSHA PEL	ACGIH TLV
Epoxy Resin	25068-38-6	100	Not available	Not available

4. FIRST-AID MEASURES

Skin Contact: Wash exposed area twice with waterless hand cleaner, soap and water or a mild detergent. DO NOT use solvents on skin, as they may promote absorption of this material. The exposed area should be examined by medical personnel if irritation or pain persists after washing.

Eye Contact: Rinse eyes immediately with large amounts of water for at least 15 minutes, occasionally lifting the eyelids. GET MEDICAL ATTENTION.

Inhalation: Remove from exposure area to fresh air immediately. If breathing has stopped, give artificial respiration. Keep affected person warm and at rest. GET MEDICAL ATTENTION.

Ingestion: DO NOT induce vomiting due to the solvent content of this product. Give oxygen if respiration is shallow. GET MEDICAL ATTENTION.

Note to Physician: Product is irritating to skin, eyes and respiratory tract. Treatmentshould be based on the judgment of the physician in response to the reactions of the patient.

5. FIRE-FIGHTING MEASURES

Flash Point: >150 °C Method: PMAAuto ignition Temperature: > 500°C

Flammable Limits: UFL: NA LFL: NA

Flammability Classification (OSHA): The product is not flammable.

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Hazardous Products of Combustion	Irritating and/or toxic fumes may be released if this material is burned.
Potential for Dust Explosion:	Not applicableSpecial
Flammability Hazards:	At elevated temperatures (>254 °C), solvent volatilization and decomposition may occur which might present a fire or explosion hazard.
Appropriate Extinguishing Media:	Water fog, foam, carbon dioxide, dry chemical
Basic Fire Fighting Guidance	Firefighters should wear self-contained breathing apparatus and full protective equipment. Normal firefighting procedures may be used. Skin contact and/or breathing of vapours should be avoided.

6. ACCIDENTAL RELEASE MEASURES

Containment Techniques:	For small spills, use suitable absorbent material and collect for later disposal. For large spills, the area may require diking to contain the spill.
Clean-up Procedures & equipment	Wear protective equipment during clean up. Remove all ignition sources. Ventilate area of spill or leak. Collect material for later disposal. After collection of material, flush area with water.
Evacuation Procedure:	Isolate the hazard and deny entry to unnecessary and unprotected personnel.
Special Instructions:	Remove all contaminated clothing to prevent further absorption. Decontaminate affected personnel using the first aid procedures in Section 4. Leather shoes that have been saturated must be discarded.
Special Reporting Requirements:	Notify appropriate authorities if required by regulation.

7. HANDLING AND STORAGE

Storage Precautions:	Protect containers from physical damage. Outside or isolated
storage is preferable.	Inside storage should be in a flammable liquids storage room or cabinet. This material is flammable.
Storage Recommendations:	Maintain dry, ventilated conditions for storage. Ensure that ambient temperature of storage areas does not exceed 54°C to prevent volatilization of solvents.
Practices to Minimize Risk	:Wear protective equipment when performing maintenance on contaminated equipment.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment:	Use NIOSH/ISI-approved air purifying respirator with organic vapour cartridges or a continuous flow positive pressure air- supplied respirator as necessary for protection against organic solvent vapour. Use chemical goggles, face shields, boots and impervious clothing and gloves where necessary to prevent exposures. Contact lenses should not be worn when handling this material. Do not smoke or eat in areas where this material is handled. Wash hands thoroughly before eating or smoking.
Respirator Caution:	Observe OSHA regulations for respirator use (29 CFR 1910.134). Air-purifying respirators must not be used in oxygen-deficientatmospheres.
Ventilation:	All operations should be conducted in well-ventilated conditions. Local exhaust ventilation should be provided.
Other Engineering Controls:	All available engineering controls to minimize risk should be used

9. PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	Mixture
Appearance, State & Odour (ambient temp.)	clear to amber liquid
Vapour Pressure	40 mbar @ 25°C
Boiling Point:	Approx. 177°C
Solubility in Water:	Insoluble
Specific Gravity:	1.15-1.23 @ 30°C

10. CHEMICAL STABILITY AND REACTIVITY INFORMATION

Chemical Stability:	Stable
Conditions to Avoid	Avoid exposures to temperatures >254°C
Hazardous Polymerisation:	Will not take place

11. TOXICOLOGICAL INFORMATION

Acute Oral LD50:	30000 mg/kg		Species: Rat	
Acute Dermal LD50:	>43000 mg/kg.,		Species: Rabbit	
Acute Inhalation LC50:	>20 ml/kg	Duration:	4 hr.	Species: Rat
Skin/Eye Irritation:	Mild to moderate skin/eye irritant			
Additional Toxicity Information:	Note: LD50/LC50 values reported above are for mixed Epoxy Resin, which make up the predominant proportion of this mixture.			

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12. ECOLOGICAL INFORMATION

Ecotoxicity:	No data is available for this particular mixture.
Environmental Fate:	No data is available for this particular mixture.

13. DISPOSAL CONSIDERATIONS

Waste Disposal:Dispose of this material in accordance with standard practice for disposal of potentially hazardous materials as required by applicable by regulations. Note that disposal regulations mayalso apply to empty containers and related equipments.

14. TRANSPORT INFORMATION

DOT/IATA/ IMDG Proper Shipping Name:	Not regulated
Packing Group	NA
Emergency Guidebook Numbers:	NAERG: None EMS: NA MFAG: 311,312

15. REGULATORY INFORMATION

OSHA Hazards:	Possible Carcinogen. Irritant. Flammable Liquid
Other Regulatory Listings:	None
Special Shipping Information:	None

16. OTHER INFORMATION

Please note that the information contained herein is furnished without warranty of any kind. Users should consider these data as a supplement to other information gathered by and make independent judgments of suitability of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers.

DISCLAIMER

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