



## SAFETY DATA SHEET R 816 CE PART B

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

PRODUCT NAME	R 816 CE PART B
SUPPLIER	ARDEX ENDURA (INDIA) PRIVATE LIMITED Corporate Office & Regd. Office: Unit No. 406 & 407, "Brigade Rubix", No. 20, Yeshwanthapur Hobli, HMT Campus, Bangalore - 560022. Karnataka, INDIA. CIN No: U24233KA1997PTC022383 Tel: +91 80 66746500 Email: customercare@ardexendura.com Visit us : www.ardexendura.com
PRODUCT USE	Coal Tar Epoxy
DATE	02/02/2022

### 2. HAZARDS IDENTIFICATION

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

#### Label elements



Causes skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
May cause cancer.  
Causes damage to organs through prolonged or repeated Exposure (lungs).

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

Medical Conditions  
Aggravated by Exposure      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	CAS Number	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. Treatment should 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: PMA	Auto ignition Temperature: > 500°C
Flammable Limits:	UFL: NA	LFL: NA
Flammability Classification (OSHA)	The product is not flammable.	
Hazardous Products of Combustion	Irritating and/or toxic fumes may be released if this material is burned.	
Potential for Dust Explosion:	Not applicable	
Special 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 Firefighting 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 not 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). Airpurifying respirators must not be used in oxygen-deficient atmospheres.

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:	1.10 - 1.25 @ 30 °C

## 10. STABILITY AND REACTIVITY

Chemical Stability  
Stable

Conditions to Avoid  
Avoid exposures to temperatures >254° C

hazardous Polymerization  
Will not take place

## 11. TOXICOLOGICAL INFORMATION

<b>Acute Oral LD<sub>50</sub>:</b>	30000 mg/kg	<b>Species:</b>	Rat
<b>Acute Dermal LD<sub>50</sub>:</b>	>43000 mg/kg.	<b>Species:</b>	Rabbit
<b>Acute Inhalation LC<sub>50</sub>:</b>	>20 ml/Kg	<b>Duration:</b>	4 hr. <b>Species:</b> Rat
<b>Skin/Eye Irritation:</b>	Mild to moderate skin/eye irritant		
<b>Additional Toxicity Information:</b>	Note: LD <sub>50</sub> /LC <sub>50</sub> values reported above are for mixed Epoxy Resin, which make up the predominant proportion of this mixture		

## 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

Dispose of this material in accordance with standard practice for disposal of potentially hazardous materials as required by applicable regulations. Note that disposal regulations may also apply to empty containers and related equipment.

## 14. TRANSPORT INFORMATION

DOT 1 IATA/ IMDG Proper ShippingName:	Not regulated		
Packing Group	NA		
Emergency Guidebook Numbers:	<b>NAERG:</b> None	<b>EMS:</b> NA	<b>MFAG:</b> 31 1,312

## 15. REGULATORY INFORMATION

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

## 16. OTHER INFORMATION

Precautionary Statement: 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.

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