



## SAFETY DATA SHEET

### EP 300 Part A

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

PRODUCT NAME                      EP 300 Part A

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

R36/38 : Irritating to eyes and skin.

R43 : May cause sensitisation by skin contact

R51/53 : Toxic to aquatic organisms, may cause longterm adverse effects in the aquatic environment

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of New Chemical Substances) or are exempt.

Hazardous Ingredient(s)	Symbol	Risk Phrases	Other Information	Content
epoxy resin (number average molecular weight <700)	Xi, N	R36/38, 43, 51/53	Cas No: 25068-38-6	>50 %

Refer to Section 8 for Occupational Exposure Limits.

#### 4. FIRST-AID MEASURES

##### INHALATION

Remove from exposure.

##### INGESTION

Obtain medical attention. Do NOT induce vomiting. Beware of aspiration if vomiting occurs.

##### SKIN CONTACT

Wash thoroughly with soap and water or suitable skin cleanser as soon as possible. Obtain medical advice if skin disorders develop.

##### EYE CONTACT

Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention if irritation persists.

#### 5. FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

Carbon dioxide, powder, foam or water fog - Do not use water jets.

##### SPECIAL EXPOSURE HAZARDS

Toxic fumes. For further information see Section 10.

##### SPECIAL PROTECTIVE EQUIPMENT

Self-contained breathing apparatus.

**EP 300 Part A****6. ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Wear suitable protective clothing, gloves and eye/face protection.

**ENVIRONMENTAL PRECAUTIONS**

Prevent entry into drains, sewers and water courses.

**DECONTAMINATION PROCEDURES**

Soak up with inert absorbent or contain and remove by best available means. Gather into containers. Dispose of as waste.

**7. HANDLING AND STORAGE****USAGE PRECAUTIONS**

Avoid skin and eye contact. Maintain good standards of personal hygiene. Do not eat, drink or smoke whilst using this product. Ensure adequate ventilation.

**STORAGE PRECAUTIONS**

Keep containers dry and tightly closed.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****OCCUPATIONAL EXPOSURE LIMITS**

None assigned.

**ENGINEERING CONTROL MEASURES**

No specific ventilation requirement noted.

**PERSONAL PROTECTIVE EQUIPMENT**

Impervious gloves (eg PVC). Safety glasses (Conforming to EN 166) / Goggles (Conforming to EN 166). Plastic apron. Change contaminated clothing and clean before re-use.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	Viscous liquid.
Colour	White
Odour	Mild.
PH(concentrate)	Not applicable.
PH(working dilution)	
Boiling Point/Range (°C)	Not determined.
Melting Point/Range (°C)	
Flash Point (closed,°C)	>150
Autoflammability (°C)	Not determined.
Viscosity (at 20°C)	
Explosive Properties (%)	Not known.
Oxidising Properties	
Vapour Pressure (kPa at 20°C)	<0.1
Relative Density (at 20°C)	1.12
Water Solubility	Insoluble.
Fat Solubility	Not determined.
Partition Coefficient (noctanol/water)	
Other data	

**10. STABILITY AND REACTIVITY****STABILITY**

Stable: reacts with compounds containing amino, hydroxyl or carboxyl groups to give stable, cross linked materials.

**CONDITIONS TO AVOID**

None known.

**MATERIALS TO AVOID**

Strong acids. Strong alkalis. Strong oxidising agents.

**EP 300 Part A****HAZARDOUS DECOMPOSITION PRODUCTS**

Thermal decomposition:- Oxides of carbon. Irritant fumes.

**11. TOXICOLOGICAL INFORMATION**

The following toxicological assessment is based on a knowledge of the toxicity of the product's components:

Expected oral LD50, rat &gt; 2g/kg.

Classified as a skin sensitiser.

**Health Effects****INHALATION**

May cause respiratory irritation.

**INGESTION**

May cause irritation of mouth, throat and digestive tract.

**SKIN CONTACT**

Irritation. May cause sensitisation.

**EYE CONTACT**

Causes transient irritation.

**CHRONIC**

Repeated and prolonged skin contact may lead to skin disorders.

**12. ECOLOGICAL INFORMATION****ENVIRONMENTAL ASSESSMENT**

When used and disposed of as intended, no adverse environmental effects are foreseen.

**MOBILITY**

Viscous liquid. Insoluble in water.

**PERSISTENCE AND DEGRADABILITY**

Not readily biodegradable.

**BIOACCUMULATIVE POTENTIAL**

Has the potential to bioaccumulate.

**ECOTOXICITY**

Ecotoxic to fish/daphnia/algae.

**13. DISPOSAL CONSIDERATIONS**

Disposal must be in accordance with local and national legislation.

**UNUSED PRODUCT**

Dispose of through an authorised waste contractor to a licensed site.

**USED/CONTAMINATED PRODUCT**

As for Unused product.

**PACKAGING**

Must be disposed of through an authorised waste contractor.

**14. TRANSPORT INFORMATION**

UN Number : 3082

IMO : Class: 9 Packing Group: III Marine Pollutant:

IATA/ICAO : Class: Packing Group: III

ADR : Class: 9 Item: 11(c)

Transport Name : Environmentally hazardous substance, liquid, nos (Epoxy Resin)

Hazchem/Kemler Code :

## EP 300 Part A

## 15. REGULATORY INFORMATION

## HAZARD LABEL DATA

Named Ingredients: epoxy resin (number average molecular weight <700).

UN Number:

Symbol(s): Xi,N

## RISK PHRASES



IRRITANT

Dangerous for  
the Environment

R36/38: Irritating to eyes and skin.

R43: May cause sensitisation by skin contact.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic Environment

## SAFETY PHRASES

S28: After contact with skin, wash immediately with plenty of soap and water.

S37/39: Wear suitable gloves and eye/face protection.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S0062: Contains epoxy constituents. See information supplied by the manufacturer.

## EC DIRECTIVES

Dangerous Substances Directive, 67/548/EEC and adaptations.

Dangerous Preparations Directive, 88/379/EEC.

Safety Data Sheets Directive, 91/155/EEC.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regs. 1996 (SI 1092).

Health & Safety at Work, etc. Act 1974.

Consumer Protection Act 1987.

Control of Substances Hazardous to Health Regs. 1999 (SI 3246).

Environmental Protection Act 1990.

## CODES OF PRACTICE

Waste Management. The Duty of Care.

## GUIDANCE NOTES

Occupational skin diseases: health and safety precautions (EH 26).

The above publications are available from HMSO

## 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.