



## Material Safety Data Sheet EPOXY GROUT - PART A

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

PRODUCT NAME EPOXY GROUT - PART A.

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

Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	Classification	Content
<b>EPOXY ADDITIVE</b>		<b>Xn R-22, 36/38, 53</b>	<b>1-5 %</b>
<b>BISPHENOL A (EPICHLOROHYDRIN) EPOXY RESIN MW &lt; 700</b>	<b>25068-38-6</b>	<b>Xi ,N R-36/38, 43, 51/53</b>	<b>30-60 %</b>
<b>BISPHENOL F. EPICHLOROHYDRIN RESIN</b>	<b>28064-14-4</b>	<b>Xi ,N R-36/38, 43, 51/53</b>	<b>10-30 %</b>
<b>ALIPHATIC GLYCIDYLETHER</b>	<b>68081-84-5</b>	<b>Xi ,N R-36/38, 43, 51/53</b>	<b>5-10 %</b>

The Full Text for all R-Phrases are Displayed in Section 16

### 4. FIRST-AID MEASURES

#### INHALATION

Remove victim immediately from source of exposure. If respiratory problems, artificial respiration/oxygen. Place unconscious person on the side in the recovery position and ensure breathing. Immediately to hospital, even if discomfort is gone.

#### INGESTION

DO NOT INDUCE VOMITING! Do not give victim anything to drink if he is unconscious. Drink plenty of water. Place unconscious person on the side in the recovery position and ensure breathing can take place. Immediately to hospital.

#### SKIN CONTACT

Remove affected person from source of contamination. Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Get medical attention immediately.

#### EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Immediately transport to hospital or eye specialist.

### 5. FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Water spray. Powder, foam or Co2.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

Fire causes formation of toxic gases.

#### HAZARDOUS COMBUSTION PRODUCTS

Carbon dioxide (CO2). Carbon monoxide (CO).

#### PROTECTIVE MEASURES IN FIRE

Wear self-contained breathing apparatus.

**EPOXY GROUT - PART A****6. ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Do not attempt to take action without suitable protective clothing - See section 8.

**ENVIRONMENTAL PRECAUTIONS**

Contain and avoid material entering drains or watercourses.

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

Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

**STORAGE PRECAUTIONS**

Keep in cool, dry, ventilated storage and closed containers.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****PROCESS CONDITIONS**

Use engineering controls to reduce air contamination to permissible exposure level.

**VENTILATION**

Well ventilated area.

**RESPIRATORY PROTECTION**

Wear suitable respiratory protection.

**PROTECTIVE GLOVES**

Polyvinyl chloride (PVC).

**EYE PROTECTION**

Wear splash-proof eye goggles to prevent any possibility of eye contact.

**OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of skin contact. Provide eyewash, quick drench.

**HYGIENIC WORK PRACTICES**

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes wet or contaminated. Eating, smoking and water fountains prohibited in immediate work area.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE                      Liquid

DENSITY                         Approx. 1.15g/cc

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

Normally Stable.

**11. TOXICOLOGICAL INFORMATION****INHALATION**

May cause sensitization by inhalation.

**INGESTION**

Harmful: danger of serious damage to health by prolonged exposure if swallowed

**SKIN**

May cause sensitization by skin contact.

**EYES**

May cause severe irritation to eyes.

**EPOXY GROUT - PART A****12. ECOLOGICAL INFORMATION**

Mobility	Not determined.
Bio Accumulation	Not determined.
Degradability	Not determined.
Acute fish toxicity	Toxic to aquatic organisms.

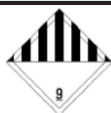
**13. DISPOSAL CONSIDERATIONS**

## DISPOSAL METHODS

Recover and reclaim or recycle, if practical. Confirm disposal procedures with environmental engineer and local regulations.

**14. TRANSPORT INFORMATION**

## LABEL FOR CONVEYANCE



UN No. ROAD	3082
UK ROAD TRANSPORT CLASS	9
UK ROAD PACK GR.	III
ADR CLASS No.	9
ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.
ADR PACK GR.	III
ADR LABEL No.	9
HAZCHEM CODE	2X
CEFIC TEC(R) No.	90GM6-III
PROPER SHIPPING NAME I	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL A (EPICHLOROHYDRIN) EPOXY RESIN MW<700, BISPHENOL F. EPICHLOROHYDRIN RESIN)
RID CLASS No.	9
RID PACK GR.	III
UN No. SEA	3082
IMDG CLASS	9
IMDG PACK GR.	III
EmS No.	Keine
MFAG TABLE No.	Siehe Handbuch
MARINE POLLUTANT	No
UN No., AIR	3082
ICAO CLASS	9
AIR PACK GR.	III

**15. REGULATORY INFORMATION**

## LABEL FOR SUPPLY



Irritant

Dangerous for  
the environment

EPOXY GROUT - PART A

RISK PHRASES	R-36/38	Irritating to eyes and skin.
	R-43	May cause sensitisation by skin contact.
	R-51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
SAFETY PHRASES	P-5	Contains epoxy constituents. See information supplied by the manufacturer.
	S-2	Keep out of the reach of children.
	S-24/25	Avoid contact with skin and eyes.
	S-26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S-29/56	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
	S-37	Wear suitable gloves.
	S-46	If swallowed, seek medical advice immediately and show this container or label.
	S-61	Avoid release to the environment. Refer to special instructions/ Safety Data Sheets.

16. OTHER INFORMATION

TRAINING ADVICE	:	The details of this data sheet must be passed on to all personnel handling the product.
R-PHRASES (Full Text)		
R-36/38		Irritating to eyes and skin.
R-43		May cause sensitisation by skin contact.
R-51/53		Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R-22		Harmful if swallowed.
R-53		May cause long-term adverse effects in the aquatic environment.

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.