



SAFETY DATA SHEET ARDIFLEX PU5 Part A

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

PRODUCT NAME	ARDIFLEX PU5 Part A
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	Two-part polyurethane adhesive

2. HAZARDS IDENTIFICATION

It may cause sensitization by skin contact. It irritating to eyes and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION

H315 Causes skin irritation - H317 May cause an allergic skin reaction - H319 Causes serious eye irritation - H411 Toxic to aquatic life with long lasting effects

Label elements

Pictogram:



3. COMPOSITION / INFORMATION ON INGREDIENTS

Names	CAS-No	Other Information	Concentration
Urethane modified epoxy resin trace component epichlorohydrin	106-89-8	NA	20-40%
phenyl glycidyl ether	122-60-1	NA	0-10 %
Rheology Modifier	-	NA	< 5 %
Calcium carbonate	1317-65-3	NA	50-60%
Castoroil	8001-79-4	NA	5-15%

4. FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

INGESTION

Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5. FIRE-FIGHTING MEASURES

Suitable (Unsuitable) extinguishing media - Dry chemical, carbon dioxide, regular foam extinguishing agent, spray - Notify your local firestation and inform the location of the fire and characteristics hazard. - Using a unattended and water devices in case of large fire and leave alone to burn if you do not imperative. - Avoid inhalation of materials or combustion by-products. - Keep containers cool with water spray. - Vapor or gas is burned at distant ignition sources can be spread quickly.

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6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

STORAGE CLASS

Chemical storage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists..

HAND PROTECTION

Use protective gloves made of: Nitrile. Viton rubber (fluor rubber). Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

EYE PROTECTION

Wear tight-fitting goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: White Paste
Colour	: White
Odour	: Characteristics
Boiling Point/Range (C)	: >100 760 mm Hg
Autoflammability (C)	: NA
Oxidising Properties	: NA
Relative Density (at 20 C)	: 1.10
Decomposition Temperature	: >200 (C)
Water Solubility	: Immiscible with water
pH	: NA

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10. CHEMICAL STABILITY AND REACTIVITY INFORMATION

STABILITY

It is stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid contact with acids and alkalies.

HAZARDOUS POLYMERISATION

Will not polymerise

MATERIALS TO AVOID

Strong oxidising substances

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

INHALATION

Irritating to respiratory system.

INGESTION

It may cause stomach pain or vomiting.

SKIN CONTACT

It may cause sensitisation by skin contact and Irritating to skin.

EYE CONTACT

It may cause severe irritation to eyes.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

DOT HAZARD CLASSIFICATION

DOT PROPER SHIPPING NAME

EPOXY RESIN, LIQUID

OTHER REQUIREMENTS

*DOT- DEPARTMENT OF TRANSPORTATION HAZARDOUS MATERIALS REGULATIONS

15. REGULATORY INFORMATION

RISK PHRASES	May cause sensitisation by skin contact Irritating to eyes and skin Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
SAFETY PHRASES	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Wear suitable gloves Avoid contact with skin and eyes This material and its container must be disposed of as hazardous waste Avoid release to the environment. Refer to special instructions/safety data sheets. Contains epoxy constituents. See information supplied by the manufacturer
STATUTORY INSTRUMENTS	Chemicals (Hazard Information and Packaging) Regulations
APPROVED CODE OF PRACTICE: Dangerous for Supply	Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations
GUIDANCE NOTES: Workplace Exposure Limits EH40. CHIP for everyone HSG(108).	

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16. OTHER INFORMATION

TRAINING ADVICE

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

PHRASES IN FULL

R10	Flammable.
R36/37	Irritating to eyes and respiratory system.
R36/38	Irritating to eyes and skin.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.

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.