



## Material Safety Data Sheet R 12 CP

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

PRODUCT NAME R 12 CP

SUPPLIER **ARDEX ENDURA (INDIA) PRIVATE LIMITED**  
 Corporate Office & Regd. Office:  
 Unit No. 406 & 407, "Brigade Rubix", No. 20, HMT Campus,  
 Yeshwanthapur Hobli, Bengaluru - 560013. Karnataka, INDIA.  
 CIN No: U24233KA1997PTC022383  
 Tel: +91 80 66746500  
 Email: [customercare@ardexendura.com](mailto:customercare@ardexendura.com) Visit us: [www.ardexendura.com](http://www.ardexendura.com)

### 2. HAZARDS IDENTIFICATION

#### INHALATION

Exposure to vapour at high concentrations may cause irritation of nose, throat and respiratory track.

#### INGESTION

Irritation of mouth, throat, digestive track, nausea, gastro, intestinal irritation, central nervous system depression.

#### EYE CONTACT

Liquid or mist may cause irritation.

#### SKIN CONTACT

Repeated or prolonged contact may produce defatting of skin leading to irritation and dermatitis

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance	:	PUD
Nature	:	Non-flammable

### 4. FIRST-AID MEASURES

#### SKIN

Wash the skin thoroughly with soap and water. Contaminated cloth should be washed before reuse.

#### EYES

Immediately flood the eye with plenty of water for atleast 10 minutes holding the eyes open. Obtain medical attention.

#### INHALATION

Remove from exposure. Keep warm and at rest. If there is difficulty in breathing, give oxygen. If breathing stops or shows sign of failing give artificial respiration. Obtain medical attention.

#### INGESTION

Wash out mouth with water. Obtain medical attention.

#### ADVICE TO PHYSICIANS

Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Dry powder, Foam

#### PROTECTIVE EQUIPMENT FOR FIRE FIGHTING

Wear self contained breathing apparatus

#### UNUSUAL FIRE & EXPLOSION HAZARDS

Do not use water jet

**R 12 CP****SPECIAL FIRE FIGHTING PRODUCTS**

Toxic gases are released in a fire

**6. ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Avoid contact with skin and eyes. Personal protective equipment:

- Appropriate gloves.
- Safety glasses.
- Suitable protective coating.

**ENVIRONMENTAL PRECAUTIONS**

Do not discharge into drains/rivers

**SPILLAGES**

Wipe it with saw dust. For neutralization use a mixture of IPA, water and liquid Ammonia.

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

- Keep the container tightly closed when not in use.
- Keep away from direct sunlight, moist areas, naked flames.
- Contact with water / moisture will create forming of Carbon dioxide and pressure will develop in the container causing bulging and possible explosion of the container
- Avoid inhaling vapour.
- Exposure to mist and vapour should be minimized by provision of efficient ventilation.
- Avoid using product in closed areas and areas where proper ventilation is not there.
- Mixing of resin and hardener creates exothermic reaction.
- Avoid contaminating either resin or hardener in respective containers.

**STORAGE PRECAUTIONS**

Storage area should be cool, dry and well ventilated Store :

- Only in the original container.
- Away from food, drinks and animal food stuffs.
- Away from heat, electric sparks.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****PROTECTIVE GARMENTS**

PVC or rubber gloves, Goggles, Apron, Adequate ventilation be provided

**ENGINEERING CONTROL MEASURES**

No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene &amp; safety.

**RESPIRATORY PROTECTION**

Respiratory protection is required while spraying or working in poorly ventilated areas.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state	:	Liquid
Colour	:	Any colour shade
Odour	:	Odourless

**SOLUBILITY**

in water	:	Unlimited solubility
in aliphatic solvents	:	Not soluble
in aromatic solvents	:	Not soluble

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

Stable at room temp for six months

**MATERIALS TO AVOID**

Water, strong oxidizing agents.

**R 12 CP****HAZARDOUS DECOMPOSITION PRODUCTS**

On pyrolysis, releases : oxides of carbon, acrid smoke and irritating fumes

**11. TOXICOLOGICAL INFORMATION**

Repeated and prolonged skin contact may lead to defatting and irritation of skin. Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness. Eye contact with the product may lead to irritation. In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

**12. ECOLOGICAL INFORMATION**

Do not allow to enter soil, waterways or waste water canal.

**13. DISPOSAL CONSIDERATIONS****PRODUCTS**

Allocation of waste code number should be carried out in agreement with the regional waste disposal company. Incineration in suitable incineration plant, observing local authority regulations.

**UNCLEANED PACKAGING**

Substances residues must be emptied out of packaging material, which must then be disposed in proper fashion in agreement with legal regulations. Packaging from which residues have not been removed must be disposed of in cooperation with the regional disposal authority.

**14. TRANSPORT INFORMATION**

Non regulated

**15. REGULATORY INFORMATION**

- Harmful by inhalation and in contact with skin.
- Irritating to skin
- May cause long term adverse effects in the aquatic environment.
- May cause lung damage if swallowed.
- Keep away from food, drink and animal feeding stuffs.
- When using do not eat, drink or smoke.
- Avoid contact with skin
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Use only in well ventilated areas.
- If swallowed do not induce vomiting, seek medical advance immediately.

**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.