



## Material Safety Data Sheet AC 20

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

PRODUCT NAME AC 20

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

Non hazardous

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS NO.	LD – 50	LC – 50
Acrylic Emulsion	25067-01-0	NA	NA

### 4. FIRST-AID MEASURES

#### EYE

- Direct contact with eye can cause irritation, reddening and tearing.

#### SKIN

- Prolonged and repeated skin contact can cause slight skin irritations, rash, dermatitis.

#### INGESTION

- Oral toxicity – investigation in the oral toxicity of Acrylic Emulsion polymers has established that materials having an LD – 50 value of 5 ppm or greater are considered Non Hazardous.

#### INHALATION

- Inhalation can cause irritation to respiratory tract and mucous membrane.

### 5. FIRE-FIGHTING MEASURES

FLASH PONT  
>200°F (93° C)

FLAMMABLE LIMITS  
 Lel: Not applicable  
 Uel: Not applicable

EXTINGUISHING MEDIA  
 Water, carbon dioxide, dry chemical

## AC 20

### METHOD USED

SETAFLASH

### SPECIAL FIRE FIGHTING PROCEDURES

Firefighters should wear NIOSH / MSHA approved self – contained positive pressure breathing apparatus.

### UNUSAL FIRE AND EXPLOSION HAZARDS

None as far as known.

### HAZARDOUS DECOMPOSTION PRODUCTS

Sulphur dioxide, carbon monoxide, carbon dioxide, low molecular weight hydrocarbons, formaldehyde and hydrogen sulphide can be formed upon burning.

## 6. ACCIDENTAL RELEASE MEASURES

### SKIN CONTACT

- Promptly remove all contaminated clothing; shower if necessary. Wash with soap and water. If irritation is present after washing, get medical attention immediately

### INGESTION

- Seek medical attention. If unavailable, contact nearest Poison Control Center. Never give anything by mouth to unconscious person.

### INHALATION

- Remove to fresh air. If breathing has stopped, perform artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.

### NOTE TO PHYSICIAN

- Supportive therapy is recommended. Not known antidote.

## 7. HANDLING AND STORAGE

### STORAGE CONDITION

Storage temperature: Ambient

Transport temperature: Ambient

Please store the material in cool and dry place under shade.

### HANDLING

Do not handle material near food or drinking water. See section –  
EXPOSURE CONTROL / PERSONAL PROTECTION for ventilation

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROL MEASURES / VENTILATION: Local exhaust ventilation is needed to control exposure.

### PERSONAL PROTECTION:

- Wear safety goggles with side shields.
- Wear masks with organic vapor cartridges and dust and mist filters.
- Wear chemical resistant gloves.

**AC 20****OTHER PROTECTIVE EQUIPMENTS:**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**MEASURES FOR DISPOSAL:**

1. Do not empty into the drains.
2. The material and / or its container must be disposed of as a hazardous waste.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

PROPERTIES	REMARK
COLOUR	White thick liquid
STATE	Liquid form
pH	8
VISCOSITY	Min. 100 poise
SPECIFIC GRAVITY	Approx. 1.25
VAPOUR DENSITY	NA
MELTING POINT	NA
MISCIBILITY IN WATER	Insoluble
% NON VOLATILE	Approx. 55%

**10. CHEMICAL STABILITY AND REACTIVITY INFORMATION****STABILITY**

- The material is considered to be stable. Thermal decomposition is dependent on the time and temperature. The product is stable at room temperature.

**HAZARDOUS CONDITIONS TO AVOID:**

- Temperatures greater than 300 degrees F (149 degrees C).

**INCOMPABILITY:**

- (MATERIALS TO AVOID): Strong acids oxidizing substances.

**HAZARDOUS POLYMERISATION**

- Product will not go any polymerization until the contents are mixed.

**11. TOXICOLOGICAL INFORMATION****CHEMICAL NAME**

Pure Acrylic emulsion

**Acute Toxicity**

Oral

LD 50 > 5 ppm.

**Skin Irritation**

Slight Irritating

**Eye Irritation**

Slight irritating

**AC 20****12. ECOLOGICAL INFORMATION**

## CHEMICAL NAME

Pure Acrylic emulsion

## MOBILITY

Not expected to exhibit mobility in soil or to leach to ground water.

**13. DISPOSAL CONSIDERATIONS**

- Do not empty into the drains.
- The material and / or its container must be disposed of as a hazardous waste.

**14. TRANSPORTATION INFORMATION**

## Land Transport

Non dangerous good.

## Marine Transport

The product does not constitute a hazardous substance in sea transport

## Air Transport

The product does not constitute a hazardous substance in air transport

**15. REGULATORY INFORMATION**

## LABEL NAME

AC 20

## HAZARD SYMBOL

None

## NATIONAL REGULATIONS

No additional National Regulations are known to the supplier.

**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.