

# Material Safety Data Sheet

## ANUCRYL C-614

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### SECTION 1. IDENTIFICATION OF THE PRODUCT AND COMPANY/UNDERTAKING

**Product Identification** : ANUCRYL C-614

**Details of the supplier and safety data sheet**

**Company:**

Manufacturer/ Supplier	: Anuvi Chemicals Limited,
Street / Post Box	: 210/211, Narmada, Laxmi Industrial Premises, Pokhran Road, No.1 Vartak Nagar,
Town / City and Post Code	: Thane (West), Maharashtra
Post Code	: 400606
Country	: India
Telephone No.	: +91-22-25855379
Fax	: +91-22-25855714
Email	: <a href="mailto:sales@anuvi.in">sales@anuvi.in</a>
Website	: <a href="http://www.anuvi.in">www.anuvi.in</a>
Emergency contact Number	: +91-22-25855714 / +91-251-2690418

### SECTION 2. HAZARDOUS IDENTIFICATION

**Inhalation**

Inhalation of vapour or mist can cause, irritation of nose, throat and lungs.

**Eye contact**

Direct contact with material can cause irritation.

### **Skin contact**

Prolonged or repeated skin contact can cause slight skin irritation.

## SECTION 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Sr. No.	Composition	CAS REG. NO.	Effects & Hazards	Weight (%)
1	Copolymer emulsion of Styrene/Acrylic	100-42-5	Non Hazardous	49-51
2	Individual residual monomers		Not required	< 0.1
3	Water	7732-18-5	Non Hazardous	51-49

## SECTION 4. FIRST AID MEASURES

### **Inhalation**

If inhaled send the person in open area. In the event of adverse symptoms take medical treatment.

### **Eye Contact**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Seek medical attention.

### **Skin contact**

In case of contact with skin wash off immediately with soap and water and consult a doctor if skin irritation persists.

### **Ingestion**

If swallowed, give plenty of water to drink. Do not induce vomiting or give anything by mouth, if the person is unconscious. Immediately consult the physician.

## SECTION 5. FIRE FIGHTING

<b>Flash point</b>	- >100°C
<b>Auto ignition temperature</b>	- Not applicable
<b>Low Explosive Limit</b>	- Not applicable
<b>Upper Explosive Limit</b>	- Not applicable

### **Suitable Extinguishing media**

Use extinguishing media suitable to the surrounding fire.

### **Fire & Explosion Hazards**

Since it is water based, material can splatter above 100°C and dried product (polymer) can burn.

### **Extinguishing Agents**

Suitable extinguishing media: Foam, Carbon Dioxide or Dry powder.

### **Personal Protective Equipment**

Use hand gloves, Nose mask, safety goggle, safety shoe and apron while using the product.

<b>SECTION 6. ACCIDENTAL RELEASE MEASURES</b>
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### **Personal Protection**

Appropriate protective equipment must be worn while handling spillage.

### **Environmental Precautions**

Do not allow to enter drains or waterways

In case of entry into waterways, soil or drains, inform the responsible authorities.

### **Procedures**

Avoid unnecessary crowd around the affected area. Contain spills by covering it with neutral substances like mud, clay, sand etc. Dispose off the material with neutral substance to safe area or incinerate.

## SECTION 7. HANDLING AND STORAGE

### Storage Conditions

Keep material in shade and avoid freezing.

### Handling Procedures

Use Proper personal protective equipments.

Monomer vapours can evaporate when material is subjected to heat during processing operations.

### Additional Information regarding storage

Protect from frost.

Protect from heat and direct sunlight

Protect from atmospheric moisture and water

## SECTION 8. EXPOSURE CONTROL. / PERSONAL PROTECTION

Sr. No.	Composition	CAS REG. NO.	Effects & Hazards	Weight (%)
1	Copolymeric emulsion of styrene / acrylic	100-42-5	Non Hazardous	49-51
2	Individual residual monomers		Not required	< 0.1
3	Water	7732-18-5	Non Hazardous	49-51

### General protective and hygiene measures

Take care for sufficient ventilation or exhaust on the workshop place.

Do not eat, drink or smoke during work time.

Wash hands before breaks and after work.

### Respiratory Protection

Nose mask Protection

Use air purifying respirators.

### **Eye Protection**

Use safety glasses with side shields.

### **Hand Protection**

Use chemically resistant neoprene type gloves.

### **Engineering Controls**

Use local ventilators.

### **Other Protective Equipment**

Area where this material is stored and used should be equipped with an eyewash facility.

<b>SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES</b>
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<b>Appearance</b>	:	Milky white liquid
<b>% Solid Content @150°C 1/2hr</b>	:	50 ± 1
<b>pH</b>	:	8.0 - 10.0
<b>Brook Field Viscosity</b>	:	500-1500 Cps
<b>Spindle No. 3/ RPM 60 @ 30°C</b>		
<b>Glass Transition Temperature</b>		
<b>Theoretical Tg [°C]</b>	:	14
<b>Film properties</b>	:	Clear
<b>@100 micron</b>		
<b>Alkali resistance</b>	:	Pass
<b>Soft water resistance</b>	:	Pass
<b>Calcium Chloride test</b>	:	Pass

<b>SECTION 10. STABILITY AND REACTIVITY</b>
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### **Conditions to avoid**

Avoid extreme heat

### **Instability**

This material is stable, however on heating at high temperature polymer decomposes.

### **Hazardous decomposition Products**

Acrylic monomer may come out on thermal decomposition.

### **Hazardous Polymerisation**

The product is chemically stable.

### **Incompatibility**

There are no known materials which could be incompatible with this product.

## **SECTION 11 TOXICOLOGICAL INFORMATION**

<b>Oral Mouse LD50</b>	: 3000mg/kg
<b>Oral Rabbit LD50</b>	: 3200mg/kg
<b>Oral Rat LD50</b>	: 1980 mg/kg

## **SECTION 12. ECOLOGICAL INFORMATION**

### **General Information**

There is no data available for this product.

### **Additional Information**

Due to the high pH, aquatic organism may be harmed. Do not allow to enter waste water Drain, waterways or soil.

## **SECTION 13. DISPOSAL PROCEDURE**

### **Waste treatment methods**

Coagulate the emulsion by the stepwise addition of Alum, HCl & caustic lye. Remove the clear supernatant and flush to a chemical sewer. For disposal, incinerate this material at a facility that complies with local and state regulations.

## SECTION 14. TRANSPORT INFORMATION

ADR / RID

Further Information : No dangerous goods.

IMO / IMDG

Further Information : No dangerous goods.

IATA / ICAO

Further Information : No dangerous goods.

## SECTION 15. REGULATORY INFORMATION

Workplace Classification.

This product is non-hazardous.

## SECTION 16. OTHER INFORMATION

**Recommended use** : Raw material

**Suitable for use in industrial sector** : Chemical industry

This information is given to the best of our knowledge. There is no legally binding assurance of certain properties for a specific purpose. The customer is responsible for determining whether the product and Information provided here is appropriate for his use. It is the sole responsibility of the customer to ensure that any proprietary rights and existing laws and legislation are observed.

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**ANUVI CHEMICALS LIMITED (AN ISO 9001: 2015 COMPANY)**

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