

# PAINTCOR

SUPREME QUALITY *From 2086*

## ACRYLUNDER

### Material Safety Data

#### PAINTCOR CC

P. O. Box 917  
Northriding  
2162  
Tel: (011) 794-2885  
Fax: (011) 794-6955

1494 Mailship Street  
Laser Park  
Honeydew  
RSA  
2040  
Email: [sales@paintcor.co.za](mailto:sales@paintcor.co.za)  
Emergency: (+27) 079 526 1565  
(+27) 084 305 5636

#### 1. Product Identification:

Product Name:	<b>ACRYLUNDER</b>
Product Code:	ACU
CAS Name and Number:	Not available (mixture)
Product Description:	Water based plasticiser-free aqueous dispersion based on styrene and acrylic acid esters for use on masonry substrates.

#### 2. Hazardous Identification

SAPMA health rating: 3 – Slight – Minor residual effects could result from accidental exposure if no treatment is applied.

Main Hazard: Irritation on eye contact

Flammability: Non-Flammable

Chemical Hazard: Alkaline Product

Health Effects:

- Eyes: Can cause burning / irritation if splashed in eyes.
- Skin: May irritate skin with prolonged contact.
- Ingestion: May cause nausea and diarrhoea and damage to the mucous membrane.
- Inhalation: Adverse health effects from vapours or spray mist in poorly ventilated areas may induce irritation of the nose, throat and respiratory tract. Irritation may cause headaches and nausea.



**PAINTCOR**  
MANUFACTURERS

### 3. Composition:

This product is a chemical preparation of water based styrene and acid esters polymer, inert fillers and pigments.

Hazard Components:	CAS #	OSHA PEL	ACHIG	TWA Limits	% by WT
Ammonia	1336-21-6	35 ppm	25 ppm		< 0.5%
Acrylic polymer	Not hazardous				< 12%
Water	7732-18-5				< 35 %

### 4. First Aid Measures:

Product:	- Eyes:	Flush open eyes with water for 15 minutes. Call a physician if necessary.
	- Inhalation:	Remove to fresh air and if needed give artificial respiration of oxygen.
	- Skin:	Remove contaminated clothing. Wash skin with soap and water. Call a physician if irritation persists.
	- Ingestion:	Do not induce vomiting. Give water to drink. If necessary seek medical attention.

### 5. Fire Fighting Measures"

Extinguishing media:	Water, foam, carbon dioxide, sand, etc. Product is non-flammable will not support combustion.
Specific Hazards:	May spatter if temperature exceed boiling point. Paint films are capable of burning, giving off oxides of carbon / nitrogen.
Protective clothing:	Use numeral fire fighting equipment and self contained breathing apparatus.

### 6. Accidental Release Measures

Personal precautions:	Wear suitable protective clothing, gloves and eye / face protection. Ensure adequate ventilation. Slippery conditions.
Environmental precautions:	Prevent large quantities getting into waterways.
	<u>Small spills:</u> Mop up and flush remainder away with water.
	<u>Large spills:</u> Contain spill by dicing edges with absorbent inert materials. Transfer liquid to container. Keep all spills out of surge lakes, aquifers and any other running water supply. Dispose of in agreement with local regulations.



# PAINTCOR

MANUFACTURERS

## 7. Handling and storage:

Handling precautions: No special precautions. Normal handling care and PPE.  
Storage precautions: Should be kept away from freezing temperatures. Avoid contact with micro-organisms. Keep container tightly sealed when not in use. Keep out of the sun and do not store lower than 5°C.  
Suitable packaging material: Polyethylene buckets.

## 8. Exposure controls / Personal protection:

SAPMA rating: 3 – H – C Hands - Eyes

Engineering control measures: Ensure adequate ventilation. If in enclosed area wear NIC approved respirator.

Occupational exposure limits: None known

Personal protection:

- Respirator: Not required for normal use
- Hands: No protection required for normal use. PVC gloves.
- Eyes: Not required for normal use. Safety goggles.
- Skin / Body: Use overalls and safety shoes.

Other protection: Wash hands before eating and smoking.



## 9. Physical and chemical properties:

Appearance: White viscous Liquid.  
Odour: Slight ammonia and acrylic smell.  
PH: 8.00 – 9.5  
Solubility in water: Miscible  
Density: 1590 - 1650 g / l  
Flammability: Non-Flammable  
Boiling point: 100°C  
Flash point: Not determined  
Explosive properties: Not determined  
Oxidising properties: Not determined  
Decomposition temp: Not determined  
Auto ignition temp: Not determined  
VOC (g/l): < 10



**PAINTCOR**  
MANUFACTURERS

10. Stability and reactivity:

Stability:	Stable at ambient temperature
Conditions to avoid:	Exposure to air will form skins on top of liquid
Materials to avoid:	Organic solvents, acids, alkali
Hazardous decomposition of by products:	None known
Hazardous polymerisation:	Will not occur.

11. Toxicological information:

<u>Acute toxicity:</u>	Oral toxicity (LD 50) > 5000mg/kg
<u>Local effects:</u>	- Eyes: Burning / irritation, if splashed in eyes. - Skin: Irritation / drying with prolonged contact. - Ingestion: Nausea, diarrhoea and mucous damage may occur. - Inhalation: Light headaches and possible irritation to the mucous membranes.
<u>Chronic toxicity:</u>	None known
<u>Carcinogenicity:</u>	None known
<u>Mutagenicity:</u>	None known
<u>Reproductive hazards:</u>	None known

12. Ecological information:

Biodegradability:	Liquid evaporates and solids are slowly biodegradable.
Bioaccumulation:	Unlikely to accumulate in the aquatic environment
Aquatic toxicity – fish:	(LD 50) > 500 mg/l (Exposure 96 hr)
Aquatic toxicity – algae:	(LC 50) approximately 1000 mg/l.

13. Disposal consideration:

Waste disposal:	Use landfill or incinerate. Obey all local, state and federal laws and regulations. Dispose off all waste directed by these agencies. Do not mix with other chemical waste. Small spills can be diluted and washed into sewers.
Packaging disposal:	Drain well and rinse thoroughly before recycling.

14. Transport information:

U.N. No.	
Substance Identity no:	None
Classification:	
Hazardous warning:	Not classified as dangerous for transportation by road, rail, sea or air.



**PAINTCOR**  
MANUFACTURERS

15. Regulatory information:

EEC Hazard Classification:	Not classified as dangerous
Hazard Symbols:	Xi Irritant.
Risk phrases:	Non required
Safety phrases:	S2 Keep out of reach of children S24/25 Avoid contact with skin and eyes If swallowed, do not induce vomiting. Seek medical advice promptly.
National / Local Regulations:	None



16. Other information:

None

Date of issue:	June 2007
Date of last revision:	November 2014
Revision no.:	4

Note:

The data and recommendations contained herein are based upon data that is considered to be accurate, however. Paintcor cc makes no warranty or guarantee, either expressed or implied, of the accuracy or completeness of this data and recommendations. Paintcor cc advises the user of the product to make their own determinations as to the information suitability and completeness for the particular application.

Abbreviations:

ACGIH:	American Conference of Governmental Industrial Hygienists.
OSHA:	Occupational Safety and Health Administration
NIOSH:	National Institute for Occupational Safety and Health
TLV:	Threshold limit value
PEL:	Permissible Exposure Limit
TWA:	Time Weighted Average
STEL:	Short Term Exposure Limit
PPE:	Personal Protective Equipment.
OEL:	Occupational Exposure Limit