

PAINTCOR

SUPREME QUALITY *Since 1986*

ACRYLATEX

Material Safety Data Sheet

1. Product Identification

Product Name: ACRYLATEX
Product Code: ACR
CAS Name and Number: Not available (mixture)
Product Description: Water based styrene acrylate copolymer emulsion for use on masonry substrates.

2. Hazard Identification

SAPMA Health Hazard 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.



3. Composition / Information on Ingredients

This product is a chemical preparation of water based styrene acrylate copolymer emulsion.

Hazard Components	CAS #	OSHA PEL	ACHIG	TWA Limits	% by WT
Acrylic polymer	Not hazardous				
Water	7732-18-5				49-51

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4. First-Aid Measures

- Product in 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.
- On 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 and will not support combustion.
- Specific Hazards: May spatter if temperature exceeds 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.
- Small spills: Mop up and flush remainder away with water.
- Large spills: 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.

7. Handling and Storage

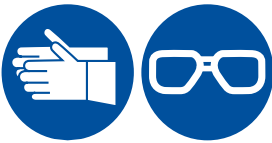
- Handling precautions: No special precautions. Normal handling care and PPE.
- Storage precautions: Should be kept away from freezing temperatures. Avoid contact with micro-organisms. Keep container tightly sealed when not in use. Keep out of the sun and do not store lower than 5°C.
- Suitable packaging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

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8. Exposure Controls / Personal Protection

<u>SAPMA Rating:</u>	3-H-C: Hands and Eyes
<u>Engineering control measures:</u>	Ensure adequate ventilation. If in enclosed area, wear NIC approved respirator.
<u>Occupational exposure limits:</u>	None known
<u>Personal protection:</u>	<u>Respirator:</u> Not required for normal use. <u>Hands:</u> PVC or other plastic material gloves. <u>Eyes:</u> Face shield or safety glasses with side covers. <u>Skin/Body:</u> Use overalls, chemical resistant apron and safety shoes.
<u>Other protection:</u>	Wash hands before eating and smoking.



9. Physical and Chemical Properties

<u>Appearance:</u>	Milky liquid
<u>Odour:</u>	Slightly ammonia and acrylic smell.
<u>PH:</u>	7 – 8
<u>Solubility in water:</u>	Miscible.
<u>Density:</u>	1000 g / l
<u>Flammability:</u>	Non-Flammable
<u>Boiling point:</u>	100°C
<u>Flash point:</u>	> 100°C
<u>Explosive properties:</u>	Not determined
<u>Oxidising properties:</u>	Not determined
<u>Decomposition temp:</u>	Not determined
<u>Auto ignition temp:</u>	Not determined
<u>VOC (g/l):</u>	<5

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10. Stability and Reactivity

<u>Stability:</u>	Stable at ambient temperatures.
<u>Conditions to avoid:</u>	Exposure to air will form skins on top of liquid.
<u>Materials to avoid:</u>	Organic solvents, acid, alkali.
<u>Hazardous decomposition:</u>	None under normal use. Thermal decomposition can lead to release of irritating gases and vapours.
<u>Hazardous polymerisation:</u>	Will not occur.

11. Toxicological Information

<u>Acute toxicity:</u>	Oral toxicity (LD 50) > 5000mg/kg
<u>Local effects:</u>	<u>Eyes:</u> Burning / irritation, if splashed in eyes. <u>Skin:</u> Irritation / drying with prolonged contact. <u>Ingestion:</u> Nausea, diarrhoea and mucous damage may occur.
<u>Inhalation:</u>	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

<u>Biodegradability:</u>	Liquid evaporates and solids are slowly biodegradable.
<u>Bioaccumulation:</u>	Unlikely to accumulate in the aquatic environment.
<u>Aquatic toxicity – Fish:</u>	(LD 50) > 500 mg/l
<u>Aquatic toxicity – Algae:</u>	(LC 50) approximately 1000 mg/l

13. Disposal Consideration

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

14. Transport Information

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

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15. Regulatory Information

<u>EEC Hazard classification:</u>	Not classified as dangerous
<u>Hazard symbols:</u>	Xi Irritant
<u>Risk phrases:</u>	Not required
<u>Safety phrases:</u>	<u>S2:</u> Keep out of reach of children <u>S24/25:</u> Avoid contact with skin and eyes. <u>S62:</u> If swallowed, do not induce vomiting. Seek medical advice promptly.
<u>National / Local Regulations:</u>	None



16. Other information

<u>Date of Issue:</u>	June 2007
<u>Date of last Revision:</u>	May 2017
<u>Revision Number:</u>	5

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.

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Abbreviations:

<u>ACGIH:</u>	American Conference of Governmental Industrial Hygienists.
<u>CAS#:</u>	Chemical Abstract Service Number
<u>DGR:</u>	Dangerous goods Regulations
<u>DNEL:</u>	Derived No-Effect Level
<u>EC50:</u>	Half Maximal Effect Concentration
<u>EEC:</u>	European Economic Community
<u>EINECS:</u>	European Inventory of Existing Commercial Chemical Substances
<u>EU:</u>	European Union
<u>IATA:</u>	International Air Transport Association
<u>IC50:</u>	Half Maximal Inhibitory Concentration
<u>LC50:</u>	Lethal Concentration
<u>LD50:</u>	Lethal Dose, 50%
<u>NOISH:</u>	National Institute for Occupational Safety and Health
<u>OEL:</u>	Occupational Exposure Limit
<u>OSHA:</u>	Occupational Safety and Health Administration
<u>PEL:</u>	Permissible Exposure Limit
<u>PNEL:</u>	Predicted No-Effect Concentration
<u>PPE:</u>	Personal Protective Equipment
<u>SAPMA:</u>	South African Paint Manufacturers Association
<u>STEL:</u>	Short Term Exposure Limit
<u>TLV:</u>	Threshold Limit Value
<u>TWA:</u>	Time Weighted Average
<u>VOC:</u>	Volatile Organic Compounds

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