

PAINTCOR

SUPREME QUALITY *From 2086*

ECONOCRYL

Safety Data Sheet

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1. Product Identification

Product Name	ECONOCRYL
Product Code	ECO
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. 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
Ammonia	1336-21-6	35 ppm	25 ppm		< 0.5%
Acrylic polymer	Not hazardous				
Water	7732-18-5				65-70



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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.

8. Exposure Controls / Personal Protection

SAPMA Rating	3-H-C Hands and 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:	1400 - 1500 g / l
Flammability:	Non-flammable
Boiling point:	100°C
Flash point:	Not determined
Explosive properties:	Not determined



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Oxidising properties: Not determined
Decomposition temp: Not determined
Auto ignition temp: Not determined
VOC (g/l): < 30

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, acid, alkali.
Hazardous decomposition None under normal use. Thermal decomposition can lead to release of irritating gases and vapours.
Hazardous polymerisation Will not occur.

11. Toxicological Information

Acute toxicity Oral toxicity (LD 50) > 5000 mg/kg
Local effects 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.
Chronic toxicity None known
Carcinogenicity None known
Mutagenicity None known
Reproductive hazards 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 0) 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.

15. Regulatory Information

EEC Hazard Classification	Not classified as dangerous.
Hazard symbols	Xi Irritant
Risk phrases	Not 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. S28: After contact with skin, wash immediately with plenty of soap and water. If swallowed, do not induce vomiting. Seek medical advice promptly.
National/Local Regulations	None



16. Other information

Date of Issue:	June 2007
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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 Limits