

PAINTCOR

SUPREME QUALITY *From 2086*

RHINOSEAL

Safety Data Sheet

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
Emergency: (+27) 079 526 1565
(+27) 084 305 5636

1. Product Identification

Product Name RHINOSEAL
Product Code RHI
CAS Name and Number Not available (mixture)
Product Description Styrene Acrylic polymer in water for use on powdery, dense and other masonry etc.

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 a styrene acrylic polymer and additives to ensure stability and performance.

Hazard Components	CAS #	Symbols	Risk Phrases	Safety Phrases	% by WT
Acrylic co-polymer		Xi	R22	S2,S13,S43A,S46	>10%
Mineral spirits	064742-82-1	Xi	R65,R66	S24/25,S37	< 10%



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	Carbon dioxide, dry powders, alcohol resistant foam. Fog to cool and control. Do not use water jets.
Specific Hazards	May spatter if temperature exceeds boiling point. Paint films are capable of burning, giving off oxides of carbon / nitrogen. Container may burst in a fire.
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 from getting into drains, sewers and waterways. Small spills: Mop up with sand, earth or approved absorbent inert material and transfer to suitable containers. 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	Handle in well ventilated areas avoid contact with eyes and skin. 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	Mild steel, stainless steel and aluminium containers. Some polyolefinis can be used for small quantities.

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	CAS No	Substance	OEL mg/m ³ ppm	STEL mg/m ³	ppm TLV
	064742-82-1	Mineral Spirits			100

Personal protection	Respirator: Use in enclosed area and must be approved for organic vapours. Normal working conditions should have adequate ventilation. Hands: Use barrier cream and wear PVC, nitrile, polyurethane or other suitable material gloves. Eyes: Use face shield or goggles/safety glasses with side protection. Skin/Body: Use overalls/suitable protective clothing and safety shoes. Remove contaminated clothing to avoid skin contact.
Other protection	Wash hands before eating and smoking.





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9. Physical and chemical properties

Appearance	Milky.
Odour	paraffin
Solubility in water	Soluble
Solubility in solvent	Mixable in low aromatic solvents.
Density	0.970 to 0.995 g/l
Flammability	Nonflammable
Boiling point	Not determined.
Flash point	85°C (ASTM D92)
Melting point	Not determined
Explosive properties	Not determined
Oxidising properties	Non oxidising
Vapour pressure	Not determined
Decomposition temp	Not determined
Auto ignition temp	Not determined
Viscosity	50 - 60 sec (Ford4 cup)

10. Stability and reactivity

Stability	Stable at ambient temperature.
Conditions to avoid	Exposure to high temperatures or open flames.
Materials to avoid	Strong oxidising agents.
Hazardous decomposition of by-products	Burning will produce dense, acid smoke containing carbon dioxide, carbon monoxide other noxious fumes.
Hazardous polymerisation	Will not occur.

11. Toxicological information

Acute toxicity	CAS No.	Substance	LD50(0) mg / kg	LD50(D) mg / kg	LC50 ml / m ³
	064742-82-1	Mineral spirits		> 2000	

Local effects	Eyes: Burning/irritation, if splashed in eyes. Skin: Frequent or prolonged contact may irritate and cause dermatitis. May be absorbed with possible systemic effects. Ingestion: Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause bronchi pneumonia or pulmonary oedema. Low order of toxicity. Inhalation: High vapour irritates the eyes and the respiratory tract, causing headaches, dizziness, nausea, vertigo and unconsciousness and may have other nervous effects. Deliberate inhalation of very high concentrations of vapour, even for short periods, can cause unconsciousness and or sudden fatality. .
Chronic toxicity	Nontoxic
Carcinogenicity	No evidence of carcinogenic effect.
Mutagenicity	No evidence of mutagenic effect.
Neuro-toxicity	Not known to be neurotoxic.
Reproductive hazards	No evidence of reproductive hazards.

12. Ecological information

Mobility	Liquid. Spillage may penetrate the soil causing ground water contamination.
Biodegradability	Resin solids slowly biodegradable. Solvent vaporises.
Bioaccumulation	Solvent can bio-accumulate but with short retention time.
Aquatic toxicity	Resin solids have lower order of toxicity. Solvent is moderately toxic to aquatic life.

13. Disposal consideration

Waste disposal	Liquid surplus or waste should be appropriately labelled. Disposal must be in accordance with current national and local regulations. Appropriate disposal is by incineration. Solidified wastes must be land filled in an appropriate H:H or H:h land fill site but authorisation from appropriate sources should be sought. sources should be sought.
Packaging disposal	Empty drums should be sent for reconditioning or scrap by a recognised drum reconditioner, appropriately labelled in accordance with national and local regulations. Hazard labels should not be removed. Incinerate or treat as for disposal of waste. Drain well and rinse thoroughly before recycling.

14. Transport information

U.N. No.	1993
Substance Identity No.	None
Classification	
Hazardous warning	Not classified as dangerous for transportation by road, rail or sea.



15. Regulatory information

Symbols	N:	Harmful to environment
	Xi:	Irritant

Hazard Symbols Flammable class 3

EC label

Risk phrases	R20/21:	Harmful by inhalation and contact with skin.
	R22:	Harmful if swallowed.
	R36/37/38:	Irritating to eyes, respiratory system and skin.
	R65	Harmful, may cause lung damage if swallowed.
	R66 /67	Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.
Safety phrases	S2:	Keep out of reach of children.
	S13:	Keep away from food, drink and animal feeding stuffs.
	S23:	Do not breathe in fumes, vapour or spray.
	S24/25:	Avoid contact with skin and eyes.
	S26:	In case of eye contact, rinse immediately with plenty of water and seek medical advice.
	S29:	Do not empty into drains.
	S36/37/39:	Wear suitable protective clothing, gloves and eye/face protection.
	S38:	In case of insufficient ventilation, wear suitable respiratory equipment.

National/Local Regulations Refer to Occupational Health and Safety Act (1993). Hazardous Chemical Substance Regulation and General Administrative Regulations





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16. Other information

Date of Issue: July 2011
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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