



# Material Safety Data Sheet

Chemical Name:	<b>ALDOPRIME 710</b>
Date of Preparation:	April 28, 2009
Date Printed	May 6, 2009
Revision #	1

## Section 1 – Chemical Product and Company Identification

Product / Chemical Name:	<b>ALDOPRIME 710</b>
Product Composition:	Acrylic Elastomeric Roof Coating
CAS Number:	Mixture
Manufacturer's Name:	Aldo Products Company, Inc.
Manufacturer's Address:	1604 N Main Street Kannapolis, NC 28081 704-932-3054 <a href="http://www.aldoproducts.com">www.aldoproducts.com</a>
Emergency Telephone Number:	800-535-5053

## Section 2 – Composition / Information on Ingredients

Component	CAS Number	Amount by Weight
Water	13845-36-8	50% Min
Polymer Dispersion	Nonhazardous	30% Max
Zinc Phosphate	7779-90-0	15% Max
Pigments	Mixture	2% Max
Ammonia	1336-21-6	1% Max
Preservative	Mixture	1% Max

## Section 3 – Hazards Identification

Effects of overexposure:	
Inhalation:	Spray mist in poorly ventilated areas can cause headache, nausea and irritation of the nose, throat, & lungs.
Eyes:	Direct contact may cause irritation.
Skin:	May cause moderate skin irritation with repeated contact.

### Section 4 – First Aid Measures

Inhalation: Move subject to fresh air.  
Eye Contact: Flush eyes with water for 15 minutes. Consult a physician if irritation persists.  
Skin Contact: Wash affected area with large amounts of soap and water.  
Ingestion: If swallowed give two glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.

### Section 5 – Fire-Fighting Measures

Flash Point: Non-combustible  
Autoignition Temperature: Not applicable  
LEL: Not applicable  
UEL: Not applicable  
Flammable Limits: Not applicable  
Extinguishing Media: Water, carbon dioxide, foam or dry powder  
Fire-Fighting Instructions: No known unusual hazards in a fire situation.  
Fire-Fighting Equipment: Wear SCBA and full protective gear when entering a confined or enclosed space to protect from normal combustion products and/or oxygen deficiency.  
Unusual Fire or Explosion Hazards: None

### Section 6 – Accidental Release Measures

Spill / Leak Procedures: Keep spectators away as the floor may be slippery. Use care to avoid falling. Keep spills out of municipal sewers and open bodies of water. Dike and contain spill with inert material such as dry sand or earth. Transfer liquid material to a suitable container for recovery or disposal. Scoop or shovel solid material into a suitable container for disposal.  
Disposal: Disposal should be in accordance with local, state, and federal regulations.

### Section 7 – Handling and Storage

Handling Precautions: **Keep from Freezing**  
Storage Requirements: Recommended storage range is 45–90°F.  
Keep container tightly closed.

### Section 8 – Exposure Controls / Personal Protection

Ventilation:	Mechanical local exhaust ventilation at point of contaminant release.
Respiratory Protection:	Wear suitable respirator (MSHA/NIOSH approved or equivalent) where exposure limits are exceeded.
Protective Equipment:	Impervious Gloves
Eye Protection:	Chemical splash goggles (ANSI Z-87.1 or approved equivalent).

### Section 9 – Physical and Chemical Properties

Physical State:	Liquid
Appearance and Odor:	Milky white or various colors with slight odor
Vapor Pressure:	Greater than 1
Density (pounds per gallon):	8.2-8.6
Water Solubility:	Dispersible
Boiling Point:	100°C (212°F)
Freezing Point:	0°C (32°F)
Viscosity (cps):	500-1000
% Volatile by Volume:	64-70%
Evaporation Rate (n-BuAc=1):	Less than 1
Volatile Organic Compounds:	Less than 35 g/Liter

### Section 10 – Stability and Reactivity

Stability:	Stable
Incompatibility:	No known incompatible materials are known for this product
Hazardous Polymerization:	Will not polymerize
Hazardous Decomposition Products:	Acrylic monomers

### Section 11 – Toxicological Information

Acute Toxicity		
Zinc Phosphate	LD50 mouse intraperitoneal	522 mg/kg
Zinc Phosphate	LD50 oral (rat):	> 5,000 mg/kg

### Section 12 – Ecological Information

Ecotoxicity		
Acute toxicity for fish ( <i>Oncorhynchus mykiss</i> )	LC50 (96h)	0.14-0.26 mg Zn <sup>2+</sup> /l
Acute toxicity for crustacean ( <i>Daphnia magna</i> )	EC50 (48h)	0.04-0.86 mg Zn <sup>2+</sup> /l
Acute toxicity for algae ( <i>Selenastrum capricornutum</i> )	EC50 (72h)	0.136-0.150 mg Zn <sup>2+</sup> /l

### Section 13 – Disposal Considerations

Disposal: Treat or dispose of waste material in accordance with all local, state, and federal requirements.

### Section 14 – Transport Information

Product Name: ALDOPRIME 710  
Shipping Name: N/A  
Hazard Class: Non-hazardous

### Section 15 – Regulatory Information

EPA Regulations: All components of this product are believed to be in compliance with the inventory listing requirements of the US Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

### Section 16 – Other Information

Prepared by: Chuck Johnson  
Approved by: Chuck Johnson  
Approval Date: April 28, 2009

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