



**Americrete, Inc.**  
41730 Reagan Way  
Murrieta, Ca 92562  
Toll Free (800) 775-8880  
Technical Help (800) 775-8880

## Material Safety Data Sheet A-400

### Emergency Assistance

For Chemical Emergency Spill, Leak, Fire or Exposure call 24 hours a day: **CHEMTREC** (800) 424-9300. Outside U.S. call (703) 527-3887. Collect calls accepted.

### SECTION I PRODUCT IDENTIFICATION

Product Name: Concrete Bonder (Concentrate) A-400  
Product Class: Co-Polymer Emulsion  
C.A.S. Number: Mixture  
HMIS Rating: Health 1 Fire 0 Reactivity 0  
0=Least, 1=Slight, 2=Moderate, 3=High, 4=Extreme

### SECTION II INGREDIENTS

Ingredients	CAS#	MAX. CONTENT%	EXPOSURE LIMITS
Modified Co-polymer	Proprietary	12.00%	None Assigned
Vinyl Acetate Monomer	108-05-4	0.10%	10.0 ppm
Modified Co-polymer	Proprietary	44.00%	None Assigned
Ammonia	7664-41-7	0.03%	25 ppm
Surface Active Agent	Proprietary	0.30%	None Assigned
Water	7732-18-5	44.00%	None Assigned

### SECTION III PHYSICAL DATA

Appearance: Milky white or potional light gray liquid  
Odor Characteristic: Ester/acetic odor  
Specific Gravity: 1.03  
Vapor Density: heavier than air  
Solubility in Water: Dilatable  
Volatility %: 44-46 by weight  
Evaporation Rate: Less than Butyl Acetate

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flammability Class: N/A  
Flash Point: N/A  
LEL: N/A  
Extinguishing Media: Water, CO2 or Dry Chemical  
Unusual Fire and Explosive Procedures: Wear self-contained breathing apparatus

### SECTION V HEALTH HAZARD DATA

Permissible Exposure Level: The ACGIH TLV and OSHA PEL for vinyl acetate are both set at 100 ppm for an 8 hour TWA and at 20 ppm for the STEL

**Effects of Overexposure:**

- Inhalation Headache, nausea, irritation of the nose, throat and lungs, vomiting
- Skin Contact may cause slight irritation
- Eye Contact may cause irritation
- Ingestion cause nausea, dizziness and vomiting

Medical Conditions prone to Aggravation by overexposure: May cause irritation to respiratory tract.

Primary Route(s) of Entry: Inhalation, eye. Ingestion is not a normal hazard in industrial use.

**Emergency First Aid Procedures:**

- Inhalation overexposure: Move to fresh air. If breathing stops, give artificial respiration and seek immediate medical attention.
- Eye Contact: Flush with large quantities of water for 15 minutes and seek medical attention
- Skin Contact: Wash thoroughly with soap and water immediately.
- Ingestion: Don not induce vomiting. Obtain medical treatment immediately

Toxicological Information and Long Term Effects of Overexposure:

Product contains residual vinyl acetate monomer (108-05-4), an IARC 2B possible human carcinogen. Vinyl acetate vapors have been shown to cause tumors in the respiratory tract of laboratory animals exposed to 600 ppm over a lifetime: 200 ppm causes irritation. 50 ppm produces no observable effects. There is no evidence of adverse effects to human exposed to levels at or below the ACGIH TLV.

## SECTION VI REACTIVITY

Stability: Stable  
Hazardous Polymerization: Will not occur  
Hazardous Decomposition Products: Combustion may yield yellow carbon monoxide and/or carbon dioxide and traces of monomer an low levels of organic volatiles  
Conditions to Avoid: Keep from freezing  
Incompatibility (Materials to Avoid): none known

## SECTION VII SPILL OF LEAK PROCEDURES

Steps to take if material is released or spilled: Provide good ventilation. Dike spill area and add absorbent material and place in closed container, liquid. Prevent this material from entering water supply.  
Waste disposal Method: At this time, this material or its container is not considered hazardous waste as defined under the federal RCRA regulations (40CFR 261) if discarded. Collect material into metal container and add enough water to cover. Dispose of according to local law.

## SECTION VIII SAFE HANDLING AND USE INFORMATION

Respiratory Protection: When spraying, use a NIOSH approved cartridge respirator to keep airbourne mists vapor concentrations below the time weighted threshold limit values. When using in poorly ventilated areas, use a fresh air supplying respirator or a self-contained breathing apparatus.  
Ventilation: General mechanical ventilation or local. Exhaust should be suitable to keep vapor concentrations below TLV. Ventilation equipment must be explosion proof.  
Protective Gloves: Impermeable chemical gloves for skin protection  
Hygienic Practices: Eye washes and safety shower are recommended in the work place

## SECTION IX SPECIAL PRECAUTIONS

Handling and Storage: Do not store at temperatures over 120 F. Product contains low levels or organic volatile which may build up in unvented head space storage carton. Ventilate sufficiently to keep limits of exposure below TLV's.  
Other Precautions: Product may be damaged if allowed to freeze.

## REGULATORY INFORMATION

Transportation: Not regulated by US DOT

Chemical Control Laws: All components of this product are listed or are excluded release reporting under section 33 Vinyl acetate (108-05-04).

State Right-to-Know Laws: Any material listed as "not hazardous" in the CAS column of the ingredient information section of this MSDS is trade secret under the provisions of the Pennsylvania worker and community right-to-know act.

California Prop 65: This product contains trace amounts of a component or components known to the state of California to cause cancer: Acrylamide (79-06-1) <0.1%, and Acetaldehyde (75-07-0) <0.1%