



MATERIAL SAFETY DATA SHEET

Cem-Rez EV 5500

SECTION I

Product Information and General Information

Product Name: Cem-Rez EV 5500

Date Prepared: 11/10/2009

Product Class: Co-Polymer Emulsion

24 Hour Emergency Assistance: Chemtrec

HMIS Codes: H F R P

1-800-424-9300

0 0 0 B

SECTION II

Hazardous Ingredients

CAS

Weight %

OSHA PEL

ACGIH TLV

Vinyl Acetate

108-05-4

<0.5

10000-15000

10000-20000ppm

Water

7732-18-5

70-80

N/E

N/E

SECTION III

Physical Data

Appearance-----	Milky
Color-----	White
State-----	Liquid
Odor Characteristic-----	Sweet
PH-----	4.5
Viscosity-----	3000-4000 CPS
Specific Gravity-----	1.1
Vapor Density-----	<1 (Water)
Vapor Pressure-----	17mmHG@20C (Water)
Melting Point-----	32F (Water)
Boiling Point-----	212F (Water)
Solubility in Water-----	Dilutable
Percent Volatility-----	47-64 (Water)
Evaporation Rate (Butyl Acetate #1)-----	<1 (Water)

SPECIALIZED FLOOR COATINGS & DECORATIVE CONCRETE SYSTEMS

SECTION IV

Fire and Explosion Hazard Data

Flammability Classification: Non-Combustible

Flash Point: >220F

LEL: N/A

Extinguishing Media: For Surrounding Fire

Unusual Fire and Explosion Hazards: Material can splatter above 212F. Dried product can burn.

Special Firefighting Procedures: Wear self contained breathing apparatus (Pressure demand MSHA/NIOSH approved or equivalent) and protective gear. Product may emit low level of organic volatiles in extreme heat.

NFPA Hazard Class:	Health Hazard	0
	Flammability	0
	Reactivity	0

0=Least, 1=Slight, 2=Moderate, 3=High, 4=Extreme

SECTION V

Reactivity Data

Stability: Stable

Hazardous Polymerization: Will not occur

Hazardous decomposition products: Combustion may yield carbon monoxide and/or carbon dioxide and traces of monomer.

Conditions to avoid:

Incompatibility (Materials to avoid): Products will react violently with any water sensitive material such as sulfuric acid, and sodium or metal hydrides.

SECTION VI

Health Hazard Data

Effects of overexposure:

Inhalation: Irritation of the nose, throat and lungs

Skin Contact: May cause slight irritation

Eye Contact: May cause slight irritation, but should not damage tissue

Ingestion: May cause nausea, dizziness, and vomiting

Medical conditions prone to aggravation by exposure: May cause irritation to respiratory tract

Primary route(s) of entry: Inhalation, eye and dermal. Ingestion is not a normal hazard in industrial use.

Emergency and 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 if irritation persists.

Skin contact: Wash thoroughly with soap and water.

Ingestion: Do not induce vomiting. Obtain medical treatment immediately.

THIS PRODUCT IS NOT CONSIDERED TO BE A CARCINOGEN BY OSHA.

SECTION VII

Spill or Leak Procedures

Steps to take if material is released or spilled:

Eliminate ignition source, provide good ventilation, dike spill area with water and mix.

Waste disposal method: 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 airborne 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.

Eye protection: Use chemical safety glasses, goggles/face shields for eye protection.

Other protective equipment: Use impermeable aprons and protective clothing whenever possible to prevent skin contact.

Hygienic practices: Eye washes and safety showers are recommended in the workplace.

SECTION IX

Special Precautions

Handling and storage: Do not store in temperatures above 120F. Product contains low levels of organic volatile which may build up in unvented headspace of storage carton. Ventilate sufficiently to keep limits of exposure below TLV's.

Other precautions: Product may be damaged if allowed to freeze.

Acute Data: No toxicity data are available for this material. Toxicological properties are currently being determined. The information shown in Section VI-Health Hazard Data Section is based on the toxicity of properties of emulsion polymers.

Regulatory Information

Workplace- This product is considered non-hazardous under the OSHA Hazard communication standard (29CFR 1910.1200)

This product is not a "controlled product" under the Canadian workplace hazardous materials information system.

Transportation- regulated by the US DOT

Section 313 Information (40CFR 370)- This product does not contain a chemical which is listed in Section 313 at or above de minimis concentrations.

Section 311/312 Categorizations (40CFR 370)- This product is not a hazardous material under 29CFR 1910.1200, and therefore is not covered by Title III of SARA.

CERCLA Information (40CFR 302.4)- Releases of this material to air, and or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

RCRA Information- When a decision is made to discard this material as supplied, it does not meet RCRA's characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The Toxicity Characteristic (TC), however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP).

Regulatory Information (cont'd.)

Chemical Control Laws- All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) chemical substance inventory.

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.

DISCLAIMER OF EXPRESSED OR IMPLIED WARRANTIES

Arizona Polymer Flooring guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. Arizona Polymer Flooring makes no other warranty, expressed or implied, and all warranties of merchantability and fitness for a particular purpose are hereby disclaimed. Manufacturer or seller shall not be liable for prospective profits or consequential damages resulting from the use of this product.