



HBS Reinforcing Admixture

Section 1 Product Description

Product Name: Reinforcing Admixture RA1A-55, 50, 40
Recommended Use: Latex Concrete Admixture
Supplier: ChemSystems, Inc. 10101 Genard Road Houston, TX 77041
P: 800.545.9827 • F: 713.329.9065 www.chemsystemsinc.net
Emergency Phone: CHEMTRAC 1-800-424-9300

Section 2 Hazard Identification

Category 2A Eye Irritation

Category 2 Skin Irritation



Signal Word:

Warning

Hazard Statements:

H313 May be harmful in contact with skin
H319 Causes eye and skin irritation
H333 May be harmful if inhaled

Precautionary statements:

Prevention:

P233 Keep container tightly closed
P220 Keep/Store away from clothing
P261 Avoid breathing mist
P270 Do not eat, drink, or smoke while using this product
P271 Use only outdoors or in a well-ventilated environment
P273 Avoid release to the environment
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P264 Wash skin thoroughly after handling

Response:

P301+P312+P331 IF SWALLOWED: Do NOT induce vomiting. Immediately call a poison center or doctor/physician if you feel unwell.
P303+P361+P353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340+P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.
P305+p351+p338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs, get medical advice/attention

Storage:

P403+P233+P235 Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Disposal:

P501 Dispose of contents/container in accordance with local/federal regulations.

Safety Data Sheet

Section 3 Composition/ Information on Ingredients

	<u>CAS #</u>	<u>OSHA PEL(TWA)</u>	<u>ACGIH(TLV-TWA)</u>	<u>Conc.(wt. %)</u>
Residual vinyl acetate monomer	108-05-4	10 ppm	10 ppm	<0.5%

Unlisted ingredients are not "hazardous" per the OSHA standard and/or are present at less than allowable levels.

Section 4 First Aid Measures

Emergency First Aid Procedures

Skin: Wash with soap and water. Consult physician if irritation persists. Launder contaminated clothing before reuse.

Eyes: Flush with large amounts of water for at least 15 minutes. If irritation persists, consult a physician.

Inhalation: Remove subject to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician

Ingestion: Give 2 glasses of water to drink. Do not induce vomiting. Consult a physician.

Section 5 Firefighting Procedures

Suitable Extinguishing Media: Non-flammable in liquid state; use water spray, foam, dry chemical or carbon dioxide for dried product.

Unsuitable Extinguishing Media: N/A

Flash Point (TCC): Non-combustible

Flammable Limits (% volume in air for solvents): LEL=N/A UEL= N/A

Special Fire Fighting Procedures: Wear self contained breathing apparatus and full protective gear.

Section 6 Spill or Leak Procedures

Steps to Take if Material is Released or Spilled: Use caution, floor may be slippery. Contain spills immediately with inert materials. Transfer liquid and diking materials to a separate container for recovery or disposal.

Section 7 Handling and Storage

Normal Handling: Always use good industrial hygiene practices and safety guidelines.

Storage: Store material in its original container. Keep containers tightly closed when not in use. Keep material away from open flame, sparks, or other sources of heat and ignition.

Waste Disposal Method: Follow all Federal, State and Local regulations when storing and disposing of substance. Solidify and dispose in an approved landfill, in accordance with federal, state and local regulations.

Special Precautions: Keep spills and cleaning run off out of municipal sewers and open bodies of water.

Section 8 Protection Information

Respiratory Protection: If airborne concentrations are:

<250 ppm..... non required

>250 ppm <1000 ppm...Wear MSHA/NIOSH approved, self-contained breathing apparatus in the pressure demand mode.

>1000 ppm.....Wear MSHA/NIOSH approved, self-contained breathing apparatus in the pressure demand mode.

Ventilation: N/A

Protective Gloves: Wear neoprene gloves

Eye Protection: Use chemical splash goggles.

Other Protective Clothing or Equipment: Wera long sleeves

Work/Hygienic Practices: Wash thoroughly with soap and water after handling and before eating, smoking, or using washroom. If clothes become contaminated, change to clean clothing and wash contaminated clothes before re-use.

Section 9 Physical Data

Appearance: liquid, Milky White

Odor: Mild Sweet

Odor Threshold: No data available

pH: Circa 6

Freezing/Melting Point: N/A

Boiling Point: 212° F

Flash Point: N/A

Evaporation Rate: N/A

Flammability (solid, gas): Non-combustible

Lower/Upper Flammability: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Safety Data Sheet

Density: 1.1 gm/cc
Solubility in water: Totally Miscible
Partition Coefficient: No data available
Auto-ignition Temperature: N/A
Decomposition temperature: No data available
Viscosity: N/A

Section 10 **Reactivity Data**

Reactivity: Stable at normal temperatures and pressures
Conditions to avoid: N/A
Incompatibility (Materials to Avoid): Strong oxidizers, acids, alkalies, nitrates.
Hazardous Decomposition (Byproducts): Thermal decomposition may yield low molecular weight hydrocarbons
Hazardous Polymerization: Will not occur.

Section 11 **Toxicity Data**

Routes of Exposure: Inhalation, Eyes, and Skin.

Acute Toxicity Lethal Doses (ATE): N/A

Health Hazards:

Acute: None known other than irritation of the eyes, throat and nasal passages due to exposure to concentrations above Permissible levels.

Chronic: No anticipated chronic effects. Over exposure to vinyl acetate monomers is not expected to occur during normal handling and use.

Carcinogen: Vinyl acetate monomer is listed as a potential carcinogen by IARC.

Aggravation of Pre-existing Conditions: N/A

Section 12 **Ecological Data**

Acute Toxicity to Fish: No data available

Acute Toxicity to Aquatic Invertebrates: No data available

Toxicity to Aquatic Plants: No data available

Toxicity to Microorganisms: No data available

Chronic Toxicity to Fish: No data available

Chronic Toxicity to Aquatic Invertebrates: No data available

Persistence and Degradability: No data available

Bioaccumulation Potential: No data available

Mobility in the Soil: No data available

Other Adverse Effects: No data available.

Section 13 **Disposal Information**

Waste Disposal Method: Dispose of material in accordance with all Federal, State, and Local regulations.

Section 14 **Transport Information**

For all modes:

Proper Shipping Name: N/A

Hazard Class: N/A

UN: N/A

Packing Group: N/A

Marine Pollutant: None

Section 15 **Regulatory Information**

SARA 311/312: N/A

OSHA: N/A

TSCA: N/A

California Proposition 65: N/A

Section 16 **Additional Information**

The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.

DISCLAIMER: Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof, manufacturer makes no representations as to the completeness or accuracy thereof.