



Xypex Chemical Corporation
13731 Mayfield Place
Richmond, British Columbia
Canada V6V 2G9

Product Identifier

Xycrylic Admix

Product Use

Acrylic Polymer – Modifier of Portland Cement Mixtures

Emergency Assistance

For emergency assistance involving products, contact Xypex at (604) 273-5265 or (800) 961-4477.

Hazardous Ingredients

Aqua Ammonia	CAS No. 1336-21-6	0.2 % (max.)
	ACGIH TLV	25 ppm
	OSHA PEL	50 ppm

Physical Data

Physical State: liquid (milky white)
Odor: slightly ammoniacal
Odor threshold: 50 ppm
pH: 9.3 - 10.5
Boiling Point: 100°C (212°F) water
Specific Gravity: 1.0 - 1.2 (water = 1)
Relative Density: 1.0 - 1.2
Solubility in Water: miscible

Fire and Explosive Data

Noncombustible
Material can splatter above 100°C (212°F).
Dried product can burn.
Thermal decomposition may yield acrylic monomers.

Reactivity Data

Xycrylic Admix is stable under normal conditions.

Polymer decomposes above 177°C (351°F).

Thermal decomposition is dependent on time and temperature and may yield acrylic monomers.

No known incompatibility with other substances.

Hazardous polymerization will not occur.

Toxicology Properties

Aqua Ammonia – 10 ppm (TWA) / 50 ppm (OSHA_TRANS)

Irritancy of material ... closely related product eye irritation – inconsequential, skin

Irritation – practically non-irritating (eyes, skin - rabbit)

Preventive Measures

Personal Protective Equipment

It is recommended that user wear impervious neoprene gloves, rubber boots, tightfitting safety goggles, and impervious clothing that protects skin from contact.

Additional safety precautions may include safety glasses with side-shield, eyewash station and shower facility.

Respiratory protection meeting OSHA 1910.134 and ANSI Z88.2 requirements or equivalent must be followed whenever workplace conditions warrant a respirator's use. Not normally required if airborne concentrations are maintained below the exposure limit (i.e. 10 ppm). For airborne concentrations up to 10 times the TLV, wear a MSHA/NIOSH approved half-mask. Air-purifying respirators should be equipped with organic dust and mist filters.

Use local exhaust ventilation with a minimum capture velocity of 100 ft. min. (0.5 m/sec) at the point of vapor evolution.

Leak/Spill Procedures

Wear protective equipment. Evacuate all non-essential personnel. Floor may become slippery. Use care to avoid falling. Contain spill immediately with inert materials (e.g. sand, earth). Transfer liquids and solid diking materials to separate suitable containers for recovery or disposal. Prevent runoff into drains, sewers and other waterways.

Disposal Procedures

Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate in a furnace or landfill at a permitted site in respect to federal, provincial/state and municipal regulation regarding disposal.

Storage Requirements

Store product in moderate environment (1 - 49°C (34 - 120°F). Protect from freezing.

Keep in sealed containers until product is required.

First Aid Measures

Eye Contact

Irrigate eyes with large amounts of water for at least 15 - 20 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Seek immediate medical attention if irritation persists.

Skin Contact

Under running water, remove contaminated clothing, shoes and leather goods. Wash contaminated area with soap and lukewarm, gently flowing water. Seek medical attention if irritation persists.

Inhalation

Move person to fresh air and seek immediate medical attention.

Oral Ingestion

Drink 225 - 450 ml (1 - 2 cups) of water. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Never give anything by mouth if victim is rapidly losing consciousness, unconscious or convulsing. Seek immediate medical attention.

**MSDS prepared by the Technical Services Department of Xypex Chemical Corporation, April 17, 2013.
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