



PRODUCT:

ConSEAL ADHESIVE

Variations:

Can be modified to accept dyes and either thinned or thickened, as needed.

Synonym: N/A

3125 Maple Lane, Canon City, CO. 81212
888-503-4389

WARNING: May cause skin irritation and/or sensitization in some individuals. Please limit exposure of ConSEAL until proper irritation testing, specific to your application, can be done.

CAUTION: If skin irritation and/or sensitization occur, discontinue use immediately; Do not use on open wounds or irritated skin. Do NOT expose to the ear, nose, throat, genitals, mucous-membranes or other areas of sensitive skin.

COMPONENTS:	CAS Number	% by Vol
ACRYLIC EMULSION POLYMER	proprietary	70-80%
WATER	7732-18-5	20-30%

Physical and Chemical Properties

Boiling Point:	100 Deg. C/212 Deg. F
Melting Point:	0 Deg. C/212 Deg. F
State:	Liquid
Appearance:	White (Clear, once dry)
Odor:	Slight odor
Vapor Pressure:	mm Hg at 77 Deg. F (25C) 18
Vapor Density:	Air=1 (lighter than air)
Specific Gravity:	H2O=1 (at 4Deg C): 1.0-1.2
% Volatile:	40-60
Evaporation Rate:	Slower than ISO
Soluble in water:	Dilutable
Ph:	4.5-5.5

Fire Prevention Measures

Flash Point: N/A

Flammable Classification: 0

Extinguishing Media: N/A

Unusual Fire and/or Explosion Hazard: N/A

Stability and Reactivity

Stability: ConSEAL is stable at room temperature in closed containers and under normal storage and handling conditions.

Polymerization: Hazardous polymerization will not occur.

Chemical Incompatibilities: No specific incompatibilities

Cautions to avoid if unstable: N/A

Hazardous decomposition by-products: (from excess heat, or reaction with other materials) Carbon dioxide in a fire, carbon monoxide in a fire, ammonia, hydrocarbons.

Health Hazard Information

HAZARD RATINGS:

TOXICITY 1
FIRE 0
REACTIVITY 0

REFERENCE SCALE

4=EXTREME
3=HIGH
2=MODERATE
1=SLIGHT
0=INSIGNIFICANT

Potential health effects:

Inhalation: Inhalation of vapors may cause irritation of the nasal passage – however, no adverse health effects are anticipated when used in a well-ventilated area.

Ingestion: May cause irritation or discomfort to the digestive tract.

Skin Contact: Repeated and/or prolonged contact with the skin may cause irritation and/or dermatitis.

Eye Contact: Contact with the eyes can cause redness and irritation.

Emergency and First Aid Procedures

Inhalation: No adverse health effects from vapor are expected when used in a well-ventilated area. If symptoms of overexposure are noted, remove the fresh air immediately and contact physician.

Eye Contact: Flush with water and contact physician.

Skin Contact: Remove soaked clothing and wash with soap and water.

Ingestion: Get medical attention immediately.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Note to Physicians:

ConSEAL May provoke asthmatic response in persons with asthma who are sensitive to airway irritants.

Toxicity Information

When compared to compositionally similar Acrylic Emulsions

Oral LD50	rat: >5000 mg/kg
Dermal LD50	rabbit: >5000 mg/kg
Skin Irritation	rabbit: Practically non-irritating
Eye Irritation	rabbit: Inconsequential irritation

Spill, Leak and Disposal Procedures

Spill/Leak Procedures: Apply sawdust or sweeping compound to soak up. Scoop into containers and handle as waste.

Containment: For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or spillways.

Cleanup/Regulatory requirements: Follow applicable OSHA regulations: (29 CFR 1910.120).

Disposal: Disposal through licensed waste disposal facilities is suggested.

Disposal Regulatory Requirements: Comply with all Federal, State and Local Regulations.

Exposure Controls / Personal Protection

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2) Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls:

Respiratory Protection: Not required under normal conditions in a well-ventilated workspace. For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA. Warning! Air-purifying respirators do not protect workers in an oxygen-deficient area. If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Protective Clothing/Equipment: Depending on conditions of use, protective gloves, aprons, etc., should be worn. Wear protective eyeglasses or chemical safety glasses, per OSHA eye-and-face protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

TRANSPORTATION INFORMATION

US DOT Hazard Class: Non-regulated

Special Precautions or Comments

Handling precautions: Do not store in closed drum near temperatures at or in excess of 100 Deg. C

Storage Requirements: Do not allow to freeze. Keep away from oxidizers.

DISCLAIMER:

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