

Pro-Crylic

Material Safety Data Sheet

1. Product and Company Information:

Product Name: Pro-Crylic

Manufacturer: Bonded Materials Company
4330 N. 43rd Avenue, Suite B-4
Phoenix, Arizona 85031, USA
Phone: 623-873-0001 Fax: 623-873-0007
Contact: Jim Kleen www.bondedmaterials.com

2. Hazards Identification

Emergency Overview

Primary Routes of Entry: Inhalation - YES Skin - YES Ingestion - NO

Health Hazards:

Inhalation: Vapor or mist can cause headache, nausea, & irritation of the nose, throat and lungs.

Skin Contact: Irritation to skin upon repeated or prolonged contact.

Eye Contact: Slightly irritating to eyes.

Carcinogenicity: NTP - No IARC Monographs - No OSHA Regulated - No

Signs and symptoms of exposure: Reddening of eyes, & skin upon contact. Coughing upon inhalation of vapors.

Medical Conditions Aggravated by Exposure: Hypersensitive individuals may develop allergic dermatitis.

3. Composition Information

COMPONENT: Acrylic Polymer, dispersed in water

OSHA PEL: Not Established

ACGIH TLV: Not Established

HAZARDOUS COMPONENT: Ammonia (CAS 7664-41-7); <0.2%

OSHA PEL: 35mg/m³

ACGIH TLV: 18mg/m³-TWA 27mg/m³-STEL

Not a hazardous material as defined in title 29 CFR parts 1900 to 1910

4. First-aid Measures

Eye Contact: Blot or wipe any residue remaining on face, being careful not to get into victim's eyes or on skin. Immediately flush eyes with plenty of water; remove contact lenses after 1-2 minutes then continue flushing for at least 15 minutes. Effect may be delayed. If effects occur, consult a physician, preferably an ophthalmologist.

Skin Contact: Remove excess from skin. Wash exposed skin areas with soap and water. Remove contaminated clothes and shoes. Thoroughly clean before reuse. Get medical attention immediately. If irritation (redness, rash, blistering) develop and persist.

Inhalation: remove person to fresh air, if effects occur, consult physician

Ingestion: If accidentally ingested, do not induce vomiting unless directed to do so by medical personnel. If victim is fully conscious, give one to two cups of water to dilute the effects – consult physician.

5. Fire Fighting Measures

Extinguishing Media: Water. Dry chemical fire extinguishers. Carbon dioxide fire extinguisher.

Special Protective Equipment for Firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective clothing (includes fire fighting helmet, coat, trousers, boots and gloves) If protective equipment is not available or not used, fight fire from a protected location or safe distance.

Special Fire Fighting Procedures: NA

Unusual Fire and Explosion Hazards: material will not burn until all water is evaporated. Containers may burst open and splatter material if temperature reaches 212° F and above.

Hazardous Combustion Products: NA

6. Accidental Release Measures

Released or Spilled: Floor will be slippery; use care to avoid falling. Contain spills with sand or earth. Transfer to containers for recovery or disposal.

Waste Disposal Method: Coagulate the emulsion by stepwise addition of ferric chloride and lime. Remove the supernatant liquid & flush to chemical sewer. Landfill or incinerator the solids.

Precautions to be taken in handling and storing: Keep from freezing, keep temperature below 100c.

Other Precautions: Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. Use appropriate personal protective equipment (PPE).

7. Handling and Storage

Store in covered, dry area away from sunlight, heat, and heat sources. Protect from freezing
Use only with adequate ventilation.

8. Exposure Controls / Personal Protection

Personal Protection

Eye/Face Protection: Use safety glasses with side shields or wear chemical goggles.

Skin Protection: Clothing should prevent skin contact.

Hand Protection: impervious gloves, vinyl or rubber gloves recommended

Respiratory Protection: NIOSH/OSHA approved respirator.

Ingestion: Use good personal hygiene. Do not consume or store food in the work areas. Wash hands before smoking or eating.

Work/Hygienic Practices: Workers should shower with soap and water after working with product.

Engineering Controls

Ventilation: Use with adequate ventilation. Fan or other device maybe needed if used in a small enclosed area.

9. Physical and Chemical Properties

Physical State: Liquid

Color: White

Odor: Low Odor-slight ammonia

Flash point: NA

Flammable limits in Air Lower (LEL): NA Upper (UEL): NA

Autoignition Temperature: NA

Vapor Pressure: 17.5 mg Hg@70 ° F

Boiling Point (760mmHg): 212° F

Vapor density (air=1): Heavier than air

Specific Gravity (H₂O =1): 1.1

Freezing point: 32 ° F

Melting point: NA

Solubility in water (by weight): Dispersible

pH: 8

Kinematic Viscosity: NA

10. Stability and Reactivity

Stability/Instability: Stable

Conditions to Avoid: Temperature over 350 ° F , Protect from freezing

Incompatibility Materials: Avoid contact with strong oxidizers.

Hazardous Polymerization: Will not occur

Thermal Decomposition Products: Decomposition in air may result in carbon monoxide and/ or carbon dioxide.

11. Toxicological Information

Chronic/Carcinogenicity Effect: may contain products listed in California –proposition 65

Reproductive Effects: May contain trace amounts of chemicals that cause birth defects in animal studies.

It did not cause harm to the animal or fetus when applied on skin.

12. Ecological Information

NA

13. Disposal Considerations

Waste Disposal method: In accordance with applicable federal, state and local government regulations and industry standards.

RCRA information: Not considered RCRA waste

14. Transport Information

No special transportation or label placarding is required.

15. Regulatory Information

Ingredients(s) – State Regulation: Vinyl Acetate Polymer, California –proposition 65

16. Other Information

HMIS Rating

Health: 1

Fire: 0

Reactivity: 0

Personal Protection: B

Legend: NA – Not Available or Applicable ND – Not Determined

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