

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Aqua ammonia;	OSHA PEL: 35 mg/m ³ 50 ppm;	ACGIH TWA 17 mg/m ³ 25 ppm;	<=0.025%	
Formaldehyde;	OSHAS TWA 0.75 ppm;	US CA OEL TWA PEL 0.75 ppm;	0.008%	

Section III - Physical/Chemical Characteristics

Boiling Point	212° F water	Specific Gravity (H ₂ O = 1)	1
Vapor Pressure (mm Hg)	17 @ 20° C water	Melting Point	32° F water
Vapor Density (AIR = 1)	<1.0 water	Evaporation Rate (Butyl Acetate = 1)	<1.0 water
Solubility in Water: Dilutable			
Appearance and Odor: Milky white liquid / Acrylic odor			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used):	Flammable Limits:	LEL:	UEL:
Noncombustible (Pensky-Martin)	Not Applicable	Not Applicable	Not Applicable
Extinguishing Media: Use extinguishing media appropriate for surrounding fire. When water is used as the extinguishing media, employ water fog or a fine spray. A direct water stream may spread the fire.			
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective suit.			
Unusual Fire and Explosion Hazards: Material can splatter above 212° F. Dried product can burn.			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid: Isolate from oxidizers, heat, and open flame.
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>): Avoid contact with strong oxidizers such as permanganates, chromates, and peroxides.			
Hazardous Decomposition or Byproducts: During a fire, under low oxygen conditions, minor amounts of carbon monoxide and irritating aldehydes and ketones might be generated.			
Hazardous Polymerization	May Occur		Conditions to Avoid: None known
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation: Yes	Skin: Yes	Ingestion: No
Health Hazards (<i>Acute and Chronic</i>): None known			
Carcinogenicity:	NTP: contains an anticipated carcinogen	IARC Monographs: contains a probable carcinogen	OSHA Regulated: Yes
Signs and Symptoms of Exposure: Slight eye, skin, nose, throat and/or lung irritation, headache, and nausea.			
Medical Conditions Generally Aggravated by Exposure: None known			
Emergency and First Aid Procedures: Inhalation: Move to fresh air. Skin contact: As a precaution, wash with soap and water. If irritation persists, call a physician. Eye contact: Rinse with plenty of water. If irritation persists, call a physician. Ingestion: Drink 1 to 2 glasses of water. Consult a physician if necessary.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Personal precautions:
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Use personal protective equipment. Material can create slippery conditions. Keep people away from and upwind of spill/leak. Environmental precautions: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Waste Disposal Method: Contain spills immediately with inert materials (e.g., sand, earth).

Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

Precautions to Be taken in Handling and Storing: Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapors, mist, or gas. Storage Temperature: <120° F. Product stability is not affected by freezing.

Other Precautions: When working with large volumes of material, adequate ventilation or respiratory protection is recommended.

Section VIII - Control Measures

Respiratory Protection (*Specify Type*): NIOSH approved (or equivalent) full-facepiece, air purifying respirator fitted with ammonia/formaldehyde cartridges and N95 filters.

Ventilation	Local Exhaust	Special
	Mechanical (<i>General</i>) X	Other

Protective Gloves: Neoprene

Eye Protection: Safety glasses with side shields.

Other Protective Clothing or Equipment: Facilities storing or utilizing this material should be equipped with an eyewash facility.

Work/Hygienic Practices: Wash at the end of each work shift and before eating, smoking, or using the toilet. Promptly remove clothing that becomes contaminated.